



CCTV Products & IP Solutions

Company Overview

Dahua Technology is a world-leading and advanced video surveillance solution provider. The company's product portfolios include the advanced series of front-end, back-end, display, software as well as intelligent traffic solution. Dahua was the first company in China to launch 8-channel real-time embedded digital video recorder in 2001. Since then, the company keeps on investing and building strong R&D capabilities for new technology and innovation. With nearly investing 10% of sales revenue every year, Dahua has a more than 2000 professionals in R&D team, aiming to provide the cutting edge products with high quality and performance. To create win-win situation and to maximize customers' values are always our priorities.

Dahua has established sales, marketing and service network locally and globally. Besides offices in mainland China, the company also has offices or sales representatives in Asia, the Americas, Europe, Oceania, Africa and others, responding to the market with the best service and products. Meanwhile, Dahua provides the industry leading "three-year" warranty in

China's market. To-date, Dahua's products are widely applied in many fields, such as banking, public security, energy, telecommunication, intelligent-building and intelligent-transportation. Numerous major projects have been installed with Dahua's solutions, for example, the Three Gorges Hydropower Plant, Six-Country Summit, Olympic Venues, Shanghai World Expo, Kremlin Palace, Paris Charles de Gaulle Airport and London Underground as well as many others.

Dahua Technology owns 442 patents, including 20 invention patents. In China, Dahua Technology is a Safety City project recommended brand and one of China's most influential security companies. At international front, the company has been awarding "Top 10 Security Brand in China" for 10 years and has been ranking in "Security 50" by a&s magazine for 7 years. Moreover, Dahua enjoyed 6th largest market share according to 2013 IMS global report.



Product Line-up

Network Camera

Ultra-Smart

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Network PTZ Camera

Ultra Smart Series

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NVR

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Product Line-up

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Analog Camera

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Analog PTZ Camera

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Product Line-up

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Storage

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Keyboard

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NETWORK CAMERA



DH-IPC-HF8301E NEW

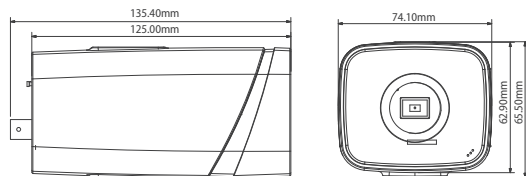
3Megapixel WDR Ultra-Smart Network Camera



Features

- 1/3" 3 Megapixel progressive scan CMOS
- Support H.264/MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@3MP(2048x1536)
- Ultra WDR (Wide Dynamic Range) up to 120dB
- Ultra 3D DNR
- Ultra Defog, ROI, EIS
- Smart detection: Face detection/Tripwire detection/
Intrusion detection/Scene change detection
- Auto back focus
- 100/1000M Base-T Ethernet
- Micro SD memory, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-IPC-HF8301EP		DH-IPC-HF8301EN	
Camera				
Image Sensor		1/3" 3Megapixel CMOS		
Effective Pixels		2048(H)×1536(V)		
Scanning System		Progressive		
Electronic Shutter Speed		Auto/Manual, 1/3~1/10000s		Auto/Manual, 1/4~1/10000s
Min. Illumination		0. 1Lux/F1.2(Color), 0.01Lux/F1.2(B/W)		
S/N Ratio		More than 50dB		
Video Output		1 channel BNC (1.0Vp-p,75Ω)		
Camera Features				
Max. IR LEDs Length		N/A		
Day/Night		Auto(ICR)/Color/B/W		
Backlight Compensation		BLC / HLC / WDR 120dB		
White Balance		Auto/Manual		
Gain Control		Auto/Manual		
Noise Reduction		3D		
Privacy Masking		Up to 4 areas		
EIS		Support		
Ultra Defog		Support		
Smart focus		ABF		
Lens				
Mount Type		C/CS		
Video				
Compression		H.264/MJPEG		
Resolution		3M(2048×1536)/1080P(1920×1080)/720P(1280×720) /D1(704×576) /CIF(352×288)		
Frame Rate	Main Stream	3M/1080P (1~25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
	Third Stream	1080P/720P/D1(1 ~ 25/30fps)		
Bit Rate		H.264: 48K ~ 8192Kbps		
ROI		Up to 4 areas		
Audio				
Compression		G.711a / G.711u		
Interface		1/1 channel In/Out		
Smart Function				
Smart detection		Tripwire		
		Intrusion		
		Scene change		
		Missing/Abandoned		
		Audio detect		
		Face detect		
Network				
Ethernet		RJ-45 (100/1000Base-T)		
Wi-Fi		N/A		
Protocol		IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour		
Compatibility		ONVIF, PSIA, CGI		
Max. User Access		20 users		
Smart Phone		iPhone, iPad, Android, Windows Phone		
Auxiliary Interface				
Memory Slot		Micro SD, Max 64GB		
RS485		1		
Alarm		2/1 channel In/Out		
General				
Power Supply		DC12V/AC24V, PoE (802.3af)		
Power Consumption		Max 3.5W		
Working Environment		-30℃~-+60℃, Less than 95% RH		
Ingress Protection		N/A		
Dimensions		74.1mm×65.5mm×135.4mm		
Weight		0.3kg		

DH-IPC-HF8281E NEW

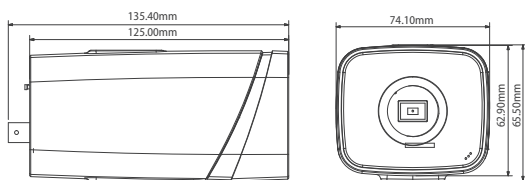
2Megapixel Light-hunt Ultra-smart Network Camera



Features

- 1/1.9" 2 Megapixel progressive scan Exmor CMOS
- Support H.264/MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@1080P(1920x1080)
- Ultra WDR (Wide Dynamic Range) up to 120dB
- Ultra 3D DNR, Excellent performance under low illumination
- Ultra Defog, ROI, EIS
- Smart detection: Face detection/Tripwire detection
Intrusion detection/Scene change detection
- Auto back focus
- 100/1000M Base-T Ethernet
- Micro SD memory, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model		DH-IPC-HF8281EP	DH-IPC-HF8281EN
Camera			
Image Sensor		1/1.9" 2Megapixel progressive scan Exmor CMOS	
Effective Pixels		1920(H)×1080(V)	
Scanning System		Progressive	
Electronic Shutter Speed		Auto/Manual, 1/3~1/10000s	Auto/Manual, 1/4~1/10000s
Min. Illumination		0.002Lux/F1.2 (Color), 0.0002Lux/F1.2(B/W)	
S/N Ratio		More than 50dB	
Video Output		1 channel BNC (1.0Vp-p, 75Ω)	
Camera Features			
Max. IR LEDs Length		N/A	
Day/Night		Auto(ICR)/Color/B/W	
Backlight Compensation		BLC / HLC / WDR(120dB)	
White Balance		Auto/Manual	
Gain Control		Auto/Manual	
Noise Reduction		3D	
Privacy Masking		Up to 4 areas	
EIS		Support	
Ultra Defog		Support	
Smart focus		ABF	
Lens			
Mount Type		C/CS	
Video			
Compression		H.264/MJPEG	
Resolution		1080P(1920×1080)/720P(1280×720)/D1(704×576)/CIF(352×288)	
Frame Rate	Main Stream	1080P/720P(1 ~ 25/30fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
	Third Stream	1080P/720P/D1(1 ~ 50/60fps)	
Bit Rate		H.264: 48K ~ 8192Kbps	
ROI		Up to 4 areas	
Audio			
Compression		G.711a / G.711u	
Interface		1/1 channel In/Out	
Smart Function			
Smart detection		Tripwire	
		Intrusion	
		Scene change	
		Missing/Abandoned	
		Audio detect	
		Face detect	
Network			
Ethernet		RJ-45 (100/1000Base-T)	
Wi-Fi		N/A	
Protocol		IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour	
Compatibility		ONVIF ,PSIA,CGI	
Max. User Access		20 users	
Smart Phone		iPhone, iPad, Android, Windows Phone	
Auxiliary Interface			
Memory Slot		Micro SD, Max 64GB	
RS485		1	
Alarm		2/1 channel In/Out	
General			
Power Supply		DC12V/AC24V, PoE (802.3af)	
Power Consumption		Max 3.5W	
Working Environment		-30℃~-+60℃, Less than 95% RH	
Ingress Protection		N/A	
Dimensions		74.1mm×65.5mm×135.4mm	
Weight		0.3kg	

DH-IPC-HFW8301E NEW

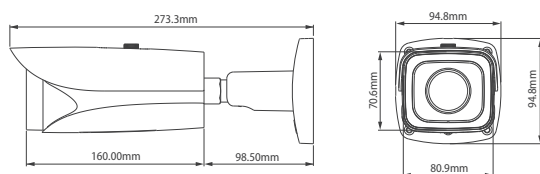
3Megapixel WDR Ultra-Smart Network IR-Bullet Camera



Features

- 1/3" 3 Megapixel progressive scan CMOS
- Support H.264/MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@3MP(2048x1536)
- Ultra WDR (Wide Dynamic Range) up to 120dB
- Ultra 3D DNR
- Ultra Defog, ROI, EIS
- Smart IR technology
- Smart detection: Face detection/Tripwire detection
Intrusion detection/Scene change detection
- 100/1000M Base-T Ethernet
- Micro SD memory, IP66, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model		DH-IPC-HFW8301EP	DH-IPC-HFW8301EN
Camera			
Image Sensor		1/3" 3Megapixel Aptina CMOS	
Effective Pixels		2048(H)×1536(V)	
Scanning System		Progressive	
Electronic Shutter Speed		Auto/Manual, 1/3~1/10000s	Auto/Manual, 1/4~1/10000s
Min. Illumination		0. 1Lux/F1.2(Color), 0.01Lux/F1.2(B/W)	
S/N Ratio		More than 50dB	
Video Output		1 port	
Camera Features			
Max. IR LEDs Length		30m, Smart IR technology	
Day/Night		Auto(ICR)/Color/B/W	
Backlight Compensation		BLC / HLC / WDR(120dB)	
White Balance		Auto/Manual	
Gain Control		Auto/Manual	
Noise Reduction		3D	
Privacy Masking		Up to 4 areas	
EIS		Support	
Ultra Defog		Support	
Lens			
Focal Length		2.7mm~12mm	
Max Aperture		F1.2	
Focus Control		Manual	
Angle of View		H: 91.2°~31.1°	
Lens Type		Manual/ Auto Iris(DC)	
Mount Type		Board-in Type	
Video			
Compression		H.264/MJPEG	
Resolution		3M(2048×1536)/1080P(1920×1080)/720P(1280×720) /D1(704×576) /CIF(352×288)	
Frame Rate	Main Stream	3M/1080P (1~25/30fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
	Third Stream	1080P/720P/D1(1 ~ 25/30fps)	
Bit Rate		H.264: 48K ~ 8192Kbps	
ROI		Up to 4 areas	
Audio			
Compression		G.711a / G.711u	
Interface		1/1 channel In/Out	
Smart Function			
Smart detection		Tripwire	
		Intrusion	
		Scene change	
		Missing/Abandoned	
		Audio detect	
		Face detect	
Network			
Ethernet		RJ-45 (100/1000Base-T)	
Wi-Fi		N/A	
Protocol		IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour	
Compatibility		ONVIF, PSIA, CGI	
Max. User Access		20 users	
Smart Phone		iPhone, iPad, Android, Windows Phone	
Auxiliary Interface			
Memory Slot		Micro SD, Max 64GB	
Alarm		2/1 channel In/Out	
General			
Power Supply		DC12V(AC24V optional), PoE (802.3af)	
Power Consumption		Max 12W	
Working Environment		-30℃~+60℃, Less than 90% RH	
Ingress Protection		IP66	
Dimensions		273.3mm×94.8mm×94.8mm	
Weight		1.25kg	

DH-IPC-HFW8281E-VF NEW

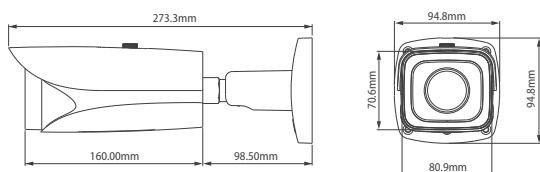
2Megapixel Light-hunt Ultra-smart IR-Bullet Network Camera



Features

- 1/1.9" 2 Megapixel progressive scan Exmor CMOS
- Support H.264, MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@1080P(1920x1080)
- Ultra WDR (Wide Dynamic Range) up to 120dB
- Ultra 3D DNR, Excellent performance under low illumination
- Ultra Defog, ROI, EIS
- Smart detection: Face detection/Tripwire detection
Intrusion detection/Scene change detection
- Auto back focus
- 100/1000M Base-T Ethernet
- Micro SD memory, IP66, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model		DH-IPC-HFW8281E-VF
Camera		
Image Sensor		1/1.9" 2Megapixel progressive scan Exmor CMOS
Effective Pixels		1920(H)×1080(V)
Scanning System		Progressive
Electronic Shutter Speed		Auto/Manual, 1/3(4)~1/10000s
Min. Illumination		0.001Lux/F1.8 (Color)
S/N Ratio		More than 50dB
Video Output		1 port
Camera Features		
Max. IR LEDs Length		30m, Smart IR technology
Day/Night		Auto(ICR)/Color/B/W
Backlight Compensation		BLC / HLC / WDR(120 dB)
White Balance		Auto/Manual
Gain Control		Auto/Manual
Noise Reduction		3D
Privacy Masking		Up to 4 areas
Lens		
Focal Length		3.7~11mm
Max Aperture		F1.8
Focus Control		Manual
Angle of View		H: 79.3°(Wide)~32.6°(Tele)
Lens Type		Manual/Auto Iris(DC)
Mount Type		Board-in type
Video		
Compression		H.264/MJPEG
Resolution	Main Stream	1080P(1920×1080)/720P(1280×720)/D1(704×576)/CIF(352×288)
	Sub Stream	1080P/720P(1 ~ 50/60fps)
	Third Stream	D1/CIF(1 ~ 25/30fps)
Frame Rate		1080P/720P(1 ~ 25/30fps)
Bit Rate		H.264: 48K ~ 8192Kbps
Audio		
Compression		G.711a/G.711u(64kbps)/PCM(128kbps)
Interface		1/1 channel In/Out
Smart Function		
Smart detection		Tripwire
		Intrusion
		Scene change
		Missing/Abandoned
		Audio detect
		Face detect
Network		
Ethernet		RJ-45 (10/100/1000Base-T)
Wi-Fi		N/A
Protocol		IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF		ONVIF,PSIA,CGI
Max. User Access		20 users
Smart Phone		iPhone, iPad, Android, Windows Phone
Auxiliary Interface		
Memory Slot		Micro SD, Max 64GB
Alarm		2/1 channel In/Out
General		
Power Supply		DC12V(AC24V optional), PoE (802.3af)
Power Consumption		Max 12W
Working Environment		-30°C~+60°C, Less than 95% RH
Ingress Protection		IP66
Dimensions		273.30mm×94.8mm×94.8mm
Weight		1.25kg

DH-IPC-HDB(W)8301 NEW

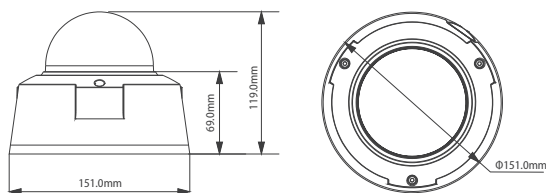
3Megapixel WDR Ultra-Smart Network (IR) Dome Camera



Features

- 1/3" 3 Megapixel progressive scan CMOS
- Support H.264/MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@3MP(2048x1536)
- Ultra WDR (Wide Dynamic Range) up to 120dB
- Ultra 3D DNR
- Ultra Defog, ROI, EIS
- Smart IR technology(HDBW8301)
- Smart detection: Face detection/Tripwire detection
Intrusion detection/Scene change detection
- Max. IR LEDs length 20m (HDBW8301)
- 100/1000M Base-T Ethernet,
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model		DH-IPC-HDB8301	DH-IPC-HDBW8301
Camera			
Image Sensor		1/3" 3Megapixel Aptina CMOS	
Effective Pixels		2048(H)×1536(V)	
Scanning System		Progressive	
Electronic Shutter Speed		Auto/Manual 1/3~ 1/10000	
Min. Illumination		0. 1Lux/F1.4(Color), 0.01Lux/F1.4(B/W);	
S/N Ratio		More than 50dB	
Video Output		1 port	
Camera Features			
Max. IR LEDs Length		N/A	20m, Smart IR technology
Day/Night		Auto(ICR)/Color/B/W	
Backlight Compensation		BLC / HLC / WDR (120dB)	
White Balance		Auto	
Gain Control		Auto/Manual	
Noise Reduction		3D	
Privacy Masking		Up to 4 areas	
EIS		Support	
Ultra Defog		Support	
Lens			
Focal Length		2.7 -12mm	
Max Aperture		F1.4	
Focus Control		Manual	
Angle of View		H: 82°~25°	
Lens Type		Manual/ Auto Iris(DC)	
Mount Type		Board-in Type	
Video			
Compression		H.264 / MJPEG	
Resolution		3M(2048×1536)/1080P(1920×1080) / 720P(1280×720) /D1(704×576) /CIF(352×288)	
Frame Rate	Main Stream	3M/1080P/720P(1 ~25/30fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
	Third Stream	1080P/720P/D1(1 ~ 25/30fps)	
Bit Rate		H.264: 32K ~ 8192Kbps	
ROI		Up to 4 areas	
Audio			
Compression		G.711a / G.711u	
Interface		1/1 channel In/Out	
Smart Function			
Smart detection	Tripwire		
	Intrusion		
	Scene change		
	Missing/Abandoned		
	Audio detect		
	Face detect		
Network			
Ethernet		RJ-45 (100/1000Base-T)	
Wi-Fi		N/A	
Protocol		IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour	
Compatibility		ONVIF, PSIA, CGI	
Max. User Access		20 users	
Smart Phone		iPhone, iPad, Android, Windows Phone	
Auxiliary Interface			
Memory Slot		Micro SD, Max 64GB	
RS485		N/A	
Alarm		1/1 channel In/Out	
PIR Sensor Range		N/A	
General			
Power Supply		DC12V/AC24V, PoE(802.3af)	
Power Consumption		Max 8W(IR ON:+2W)	
Working Environment		-30°C~-+60°C , Less than 90%RH	
Ingress Protection		IP66	
Vandal Resistance		IK10	
Dimensions		Φ151mm×119mm	
Weight		1.25kg	

DH-IPC-HDB(W)8281-VF NEW

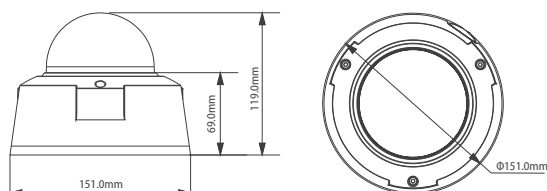
2Megapixel Light-hunt Ultra-smart (IR) Dome Network Camera



Features

- 1/1.9" 2Megapixel progressive scan Exmor CMOS
- Support H.264, MJPEG dual codec
- Smart triple streams supported
- Max 25/30fps@1080P(1920x1080)
- Ultra WDR (Wide Dynamic Range) up to 120db
- Ultra 3D DNR, Excellent performance under low illumination
- Ultra Defog, ROI, EIS
- Smart detection: Face detection/Tripwire detection
Intrusion detection/Scene change detection
- Max. IR LEDs length 20m (HDBW8281)
- 100/1000M Base-T Ethernet
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-IPC-HDB8281-VF		DH-IPC-HDBW8281-VF	
Camera				
Image Sensor		1/1.9" 2Megapixel progressive scan Exmor CMOS		
Effective Pixels		1920(H)x1080(V)		
Scanning System		Progressive		
Electronic Shutter Speed		Auto/Manual 1/3(4)~1/10000		
Min. Illumination		0.002Lux/F1.4 (Color), 0.0002Lux/F1.4(B/W)		
S/N Ratio		More than 50dB		
Video Output		1 port		
Camera Features				
Max. IR LEDs Length		N/A	20m, Smart IR technology	
Day/Night		Auto(ICR)/Color/B/W		
Backlight Compensation		BLC / HLC / WDR(120 dB)		
White Balance		Auto		
Gain Control		Auto/Manual		
Noise Reduction		3D		
Privacy Masking		Up to 4 areas		
Lens				
Focal Length		3.7~11mm		
Max Aperture		F1.4		
Focus Control		Manual		
Angle of View		H: 79.3°(Wide)~32.6°(Tele)		
Lens Type		Manual/Auto Iris(DC)		
Mount Type		Board-in Type		
Video				
Compression		H.264 / MJPEG		
Resolution		1080P(1920×1080) / 720P(1280×720) /D1(704×576) /CIF(352×288)		
Frame Rate	Main Stream	1080P/720P(1~50/60fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
	Third Stream	1080P/720P(1~25/30fps)		
Bit Rate		H.264: 32K ~ 8192Kbps		
Audio				
Compression		G.711a / G.711u		
Interface		1/1 channel In/Out		
Smart Function				
Smart detection	Tripwire			
	Intrusion			
	Scene change			
	Missing/Abandoned			
	Audio detect			
Network				
Ethernet		RJ-45 (100/1000 Base-T)		
Wi-Fi		N/A		
Protocol		IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour		
Compatibility		ONVIF,PSIA,CGI		
Max. User Access		20 users		
Smart Phone		iPhone, iPad, Android, Windows Phone		
Auxiliary Interface				
Memory Slot		Micro SD, Max 64GB		
RS485		N/A		
Alarm		1/1 channel In/Out		
PIR Sensor Range		N/A		
General				
Power Supply		DC12V/AC24V, PoE(802.3af)		
Power Consumption		Max 8W (IR on: +2W)		
Working Environment		-30°C~-+60°C, Less than 95%RH		
Ingress Protection		IP66		
Vandal Resistance		IK10		
Dimensions		Φ151mm×119mm		
Weight		1.25kg		

DH-IPC-HF5200

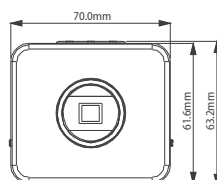
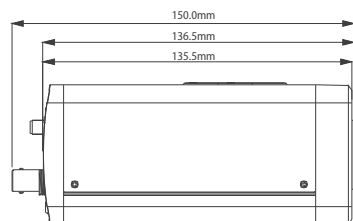
2Megapixel Full HD Network Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, Auto Iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 1/1 alarm in/out
- Micro SD memory, PoE

Dimensions (mm)



Accessory (optional)



Technical Specifications

Model	DH-IPC-HF5200
Camera	
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS
Effective Pixels	1920(H)×1080(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.1LUX/F1.2(Color), 0.01LUX/F1.2(B/W)
S/N Ratio	More than 50dB
Video Output	1 channel, BNC(1.0Vp-p/75Ω)
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Lens Type	C/CS
Video	
Compression	H.264 / MJPEG
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a / G.711u/ PCM
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF PSIA CGI
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	1
Alarm	1/1 channel In/Out
General	
Power Supply	DC12V/AC24V, PoE(802.3af)
Power Consumption	Max 3.5W
Working Environment	-10°C~+60°C, Less than 90%RH
Dimensions	70mm × 63.2mm×150mm
Weight	0.65kg

DH-IPC-HF5100

1.3Megapixel HD Network Camera

Technical Specifications

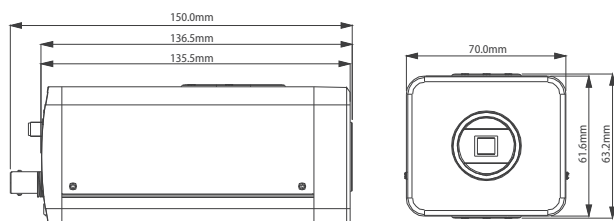
Model	DH-IPC-HF5100
Camera	
Image Sensor	1/3" 1.3Megapixel progressive scan Aptina CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01LUX/F1.2(Color), 0.005LUX/F1.2(B/W)
S/N Ratio	More than 50dB
Video Output	1 channel, BNC(1.0Vp-p/75Ω)
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Lens Type	C/CS
Video	
Compression	H.264 / MJPEG
Resolution	1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a / G.711u/ PCM
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF PSIA CGI
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	1
Alarm	1/1 channel In/Out
General	
Power Supply	DC12V/AC24V, PoE(802.3af)
Power Consumption	Max 3.5W
Working Environment	-10°C~+60°C, Less than 90%RH
Dimensions(W×D×H)	70mm×63.2mm×150mm
Weight	0.65kg



Features

- 1/3" 1.3 Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1.3M(1280×960)&720(1280×720)
- DWDR, Day/Night(ICR), 3DNR, Auto Iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 1/1 alarm in/out
- Micro SD memory, PoE

Dimensions (mm)



Accessories (optional)



PFB120W

PFB121W

PFA121

PFA151

PFA152

PFH600N

PFH610N

DH-IPC-HFW5502C

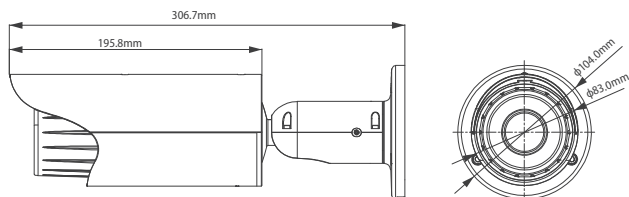
5Megapixel Full HD Network Motorized IR-Bullet Camera



Features

- 1/2.5" 5Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 12fps@5M(2560×1920)&25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, Auto Iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS) & DMSS
- 4~9mm vari-focal motorized lens
- Built-in 2/1 alarm in/out
- Max. IR LEDs length 30m
- Micro SD memory, IP66, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HFW5502C
Camera	
Image Sensor	1/2.5" 5Megapixel Aptina CMOS
Effective Pixels	2560(H)×1920(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.6(Color); 0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
Video Output	1 channel, BNC(1.0Vp-p/75Ω)
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	4~9mm motorized
Max Aperture	F1.6
Focus Control	Auto
Angle of View	H: 82.4°(Wide)~36.1°(Tele)
Lens Type	Motorized /Auto Iris(DC)
Mount Type	Board-in Type
Video	
Compression	H.264 / MJPEG
Resolution	5M(2560×1920)/3M(2048×1536)/1080P(1920×1080)/720P(1280×720) / D1(704×576) / CIF(352×288) /
Frame Rate	Main Stream 5M(1~12fps)/3M(1~20fps)/1080P/720P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264H: 32K ~ 8192Kbps
Audio	
Compression	G.711a / G.711u/ PCM
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	2/1 channel In/Out
PIR Sensor Range	N/A
General	
Power Supply	DC12V(AC24V optional), PoE(802.3af)
Power Consumption	<8.5W
Working Environment	-30°C~+60°C(-H: -40°C~+60°C), Less than 95%RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions(W×D×H)	Φ104mm×306.7mm
Weight	1.25kg

DH-IPC-HFW5300C/5302C

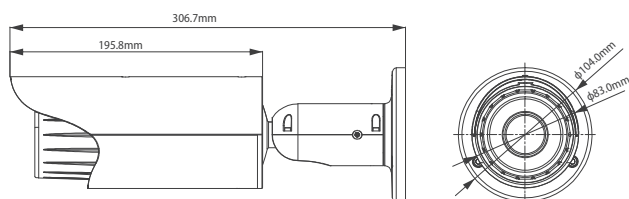
3Megapixel Full HD Network IR-Bullet Camera



Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048×1536)&25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, Auto Iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.7 ~12mm varifocal lens (HFW5300C)
3 ~9mm varifocal motorized lens (HFW5302C)
- Built-in 2/1 alarm in/out
- Max. IR LEDs length 30m
- Micro SD memory, IP66, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HFW5300C		DH-IPC-HFW5302C	
Camera				
Image Sensor	1/3" 3Megapixel Aptina CMOS			
Effective Pixels	2048(H)×1536(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3~1/10000s			
Min. Illumination	0.01Lux/F1.4(Color), 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	1 channel, BNC(1.0Vp-p/75Ω)			
Camera Features				
Max. IR Length	30m			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.7~12mm		3~9mm motorized	
Max Aperture	F1.4			
Focus Control	Manual		Auto	
Angle of View	H: 82°(Wide)~ 25°(Tele)		H: 86.5°(Wide)~ 28.6°(Tele)	
Lens Type	Manual/Auto Iris(DC)		Motorized /Auto Iris(DC)	
Mount Type	Board-in Type			
Video				
Compression	H.264 / MJPEG			
Resolution	3M(2048×1536)/1080P(1920×1080) / 720P(1280×720) / D1(704×576) /CIF(352×288)			
Frame Rate	Main Stream	3M(1~20fps)/1080P/720P(1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 32K ~ 8192Kbps			
Audio				
Compression	G.711a / G.711u/ PCM			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF ,PSIA,CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
RS485	N/A			
Alarm	2/1 channel In/Out			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V(AC24V optional), PoE(802.3af)			
Power Consumption	< 7W (-H: +2W, Motorized lens: +2W, AC24V: +2W)			
Working Environment	-30°C~-+60°C(-H: -40°C~-+60°C), Less than 90%RH			
Ingress Protection	IP66			
Vandal Resistance	N/A			
Dimensions	Φ104mm × 306.7mm			
Weight	1.25kg			

DH-IPC-HFW5200/5202C

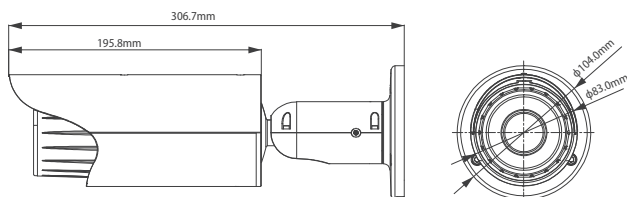
2Megapixel Full HD Network Water-proof IR-Bullet Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), Auto Iris, 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.3~12mm varifocal lens (5200C)
- 3~9mm varifocal motorized lens (5202C)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HFW5200C		DH-IPC-HFW5202C	
Camera				
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS			
Effective Pixels	1920(H)x1080(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	0.1Lux/F1.2 (Color), 0.01Lux/F1.2(B/W); 0Lux/F1.2(IR on)			
S/N Ratio	More than 50dB			
Video Output	1 channel, BNC(1.0Vp-p/75Ω)			
Camera Features				
Max. IR Length	30m			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	3.3~12mm		3~9mm motorized	
Max Aperture	F1.4		F1.4	
Focus Control	Manual		Auto	
Angle of View	H: 87.5°~31.1°		H: 103.9°~34.1°	
Lens Type	Manual/Auto Iris(DC)		Motorized/Auto Iris(DC)	
Mount Type	Board-in Type			
Video				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)			
Frame Rate	Main Stream	1080P/720P(1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 32K ~ 8192Kbps			
Audio				
Compression	G.711a/ G.711u/ PCM			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour,			
ONVIF	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
RS485	N/A			
Alarm	2/1 channel In/Out			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V(AC24V optional), PoE (802.3af)			
Power Consumption	Max 7.5W(motorized lens: +2W; AC24V: +4W)			
Working Environment	-30°C~-+60°C (-H: 40°C~-+60°C) , Less than 95% RH			
Ingress Protection	IP66			
Vandal Resistance	N/A			
Dimensions	Φ104mm×306.7mm			
Weight	1.25kg			

DH-IPC-HFW5100C

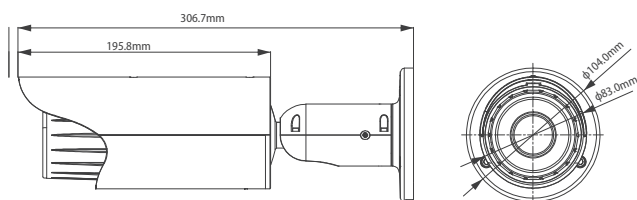
1.3Megapixel HD Network Water-proof IR-Bullet Camera



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1.3M(1280×960) & 25/30fps@720P(1280×720)
- DWDR, Day/Night(ICR), Auto Iris, 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8~12mm varifocal lens
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HFW5100C
Camera	
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.4(Color), 0.005Lux/F1.4(B/W)
S/N Ratio	More than 50dB
Video Output	1 channel, BNC(1.0Vp-p/75Ω)
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	2.8mm~12mm
Max Aperture	F1.4
Focus Control	Manual
Angle of View	H: 91°~28°
Lens Type	Manual/ Auto Iris(DC)
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/ G.711u/ PCM
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	2/1 channel In/Out
PIR Sensor Range	N/A
General	
Power Supply	DC12V(AC24V optional), PoE(802.3af)
Power Consumption	Max 7.5W(AC 24V: Max 11W)
Working Environment	-30°C~+60°C(-H: -40°C~+60°C), Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ104mm×306.7mm
Weight	1.25kg

DH-IPC-HFW5300E-Z/VF NEW

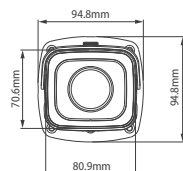
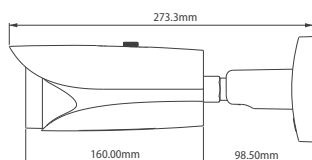
3Megapixel Full HD Network IR-Bullet Camera



Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264&MJPEG dual-stream encoding
- Max 20fps@3M(2048×1536), 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8mm ~12mm varifocal lens (5300E-VF)
3~9mm varifocal motorized lens (5300E-Z)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFA121

PFA151

PFA152

Technical Specifications

Model	DH-IPC-HFW5300E-VF		DH-IPC-HFW5300E-Z
Camera			
Image Sensor	1/3" 3Megapixel progressive scan Aptina CMOS		
Effective Pixels	2048(H)×1536(V)		
Scanning System	Progressive		
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s		
Min. Illumination	0.01Lux/F1.4(Color), 0Lux/F1.4(IR on)		
S/N Ratio	More than 50dB		
Video Output	1 port		
Camera Features			
Max. IR Length	30m		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR		
White Balance	Auto/Manual		
Gain Control	Auto/Manual		
Noise Reduction	3D		
Privacy Masking	Up to 4 areas		
Lens			
Focal Length	2.8~12mm	3~9mm motorized	
Max Aperture	F1.4		
Focus Control	Manual	Auto	
Angle of View	H: 86°~28°	H: 86.5°~28.6°	
Lens Type	Manual/ Auto Iris(DC)	Motorized/ Auto Iris(DC)	
Mount Type	Board-in Type		
Video			
Compression	H.264/MJPEG		
Resolution	3M(2048×1536)/1080P(1920×1080)/720P(1280×720)/ D1(704×576/704×480)/CIF(352×288/352×240)		
Frame Rate	Main Stream	3M(1~20fps)/1080P/720P(1 ~ 25/30fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
Bit Rate	H.264: 32K ~ 8192Kbps		
Audio			
Compression	G.711a/ G.711u/ PCM		
Interface	1/1 channel In/Out		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Wi-Fi	N/A		
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour		
ONVIF	ONVIF,PSIA,CGI		
Max. User Access	20users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Auxiliary Interface			
Memory Slot	Micro SD, Max 64GB		
RS485	N/A		
Alarm	2/1 channel In/Out		
PIR Sensor Range	N/A		
General			
Power Supply	DC12V(AC24V optional), PoE(802.3af)		
Power Consumption	Max 7.5W (-H: +2W, Motorized lens: +2W)		
Working Environment	-30°C~-+60°C(-H: -40°C~-+60°C), Less than 95%RH		
Ingress Protection	IP66		
Vandal Resistance	N/A		
Dimensions(W×D×H)	273.3mm×94.8mm×94.8mm		
Weight	1.25kg		

DH-IPC-HFW5200E-Z/VF NEW

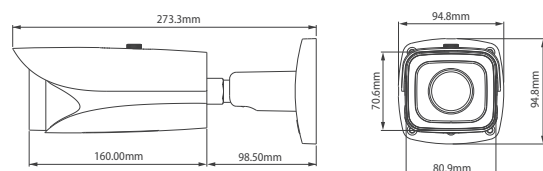
2Megapixel Full HD Network IR-Bullet Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8~12mm varifocal lens (5200E-VF)
3~9mm varifocal motorized lens (5200E-Z)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFA121

PFA151

PFA152

Technical Specifications

Model	DH-IPC-HFW5200E-VF		DH-IPC-HFW5200E-Z	
Camera				
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS			
Effective Pixels	1920(H)×1080(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	0.01Lux/F1.4(Color), 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	1 port			
Camera Features				
Max. IR Length	30m			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.8mm~12mm		3~9mm motorized	
Max Aperture	F1.4			
Focus Control	Manual		Auto	
Angle of View	H: 105°~33°		H: 103.9°(Wide)~34.1°(Tele)	
Lens Type	Manual/ Auto Iris(DC)		Motorized /Auto Iris(DC)	
Mount Type	Board-in Type			
Video				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)			
Frame Rate	Main Stream	1080P/720P(1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 32K ~ 8192Kbps			
Audio				
Compression	G.711a/ G.711u/ PCM			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF,PSIA,CGI			
Max. User Access	20users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
RS485	N/A			
Alarm	2/1 channel In/Out			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V(AC24V optional), PoE (802.3af)			
Power Consumption	Max 7.5W (-H: +2W, Motorized lens: +2W)			
Working Environment	-30°C~-+60°C(-H: -40°C~-+60°C), Less than 90%RH			
Ingress Protection	IP66			
Vandal Resistance	N/A			
Dimensions	273.3mm×94.8mm×94.8mm			
Weight	1.25kg			

DH-IPC-HFW5200E-Z12 NEW

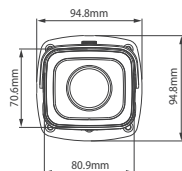
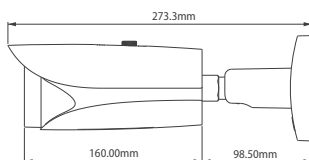
2Megapixel Full HD 12x Network IR-Bullet Camera



Features

- 1/2.8" 2 Megapixel progressive scan Exmor CMOS
- 5.1~61.2mm 12x optical zoom
- H.264&MJPEG dual-stream encoding
- Max 25/30fps@1080P(1920x1080)
- WDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 2/1 alarm in/out
- Micro SD memory, IP66, PoE

Dimensions (mm)



Accessories(optional)



PFA121

PFA151

PFA152

Technical Specifications

Model	DH-IPC-HFW5200EP-Z12		DH-IPC-HFW5200EN-Z12	
Camera				
Image Sensor	1/2.8" 2Megapixel Exmor CMOS			
Effective Pixels	1920(H)×1080(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	Color: 0.05Lux/F1.6, B/W: 0.005Lux/F1.6			
S/N Ratio	More than 50dB			
Video Output	1 port			
Camera Features				
Max. IR Length	100m			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / WDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 8 areas			
Lens				
Focal Length	5.1mm~61.2mm(12x optical zoom)			
Max Aperture	F1.6~F3.0			
Focus Control	Manual/Auto			
Angle of View	H: 51.3°~4.64°			
Lens Type	Manual/ Auto Iris(DC)			
Mount Type	Board-in Type			
Close Focus Distance	100mm~1000mm			
Varifocal Speed	3.8S			
Video				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720) /D1(704×576) /CIF(352×288)			
Frame Rate	Main Stream	1080P (1~25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 32K ~ 8192Kbps			
Audio				
Compression	G.711a / G.711u			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100/1000Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF, PSIA, CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
Alarm	1/1 channel In/Out			
General				
Power Supply	DC12V(AC24V optional), PoE (802.3af)			
Power Consumption	Max 15W			
Working Environment	-30℃~+60℃, 20%~ 80% RH, Less than 95%RH			
Ingress Protection	IP66			
Dimensions	273.3mm×94.8mm×94.8mm			
Weight	1.30kg			

DH-IPC-HFW5100E-VF NEW

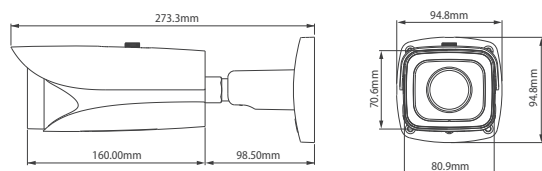
1.3Megapixel HD Network IR-Bullet Camera



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1.3M(1280×960)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8mm ~12mm varifocal lens
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFA121 PFA150 PFA151

Technical Specifications

Model	DH-IPC-HFW5100E-VF
Camera	
Image Sensor	1/3" 1.3Megapixel progressive scan Aptina CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.4(Color); 0Lux/F1.4(IR on)
S/N Ratio	More than 50dB
Video Output	1 port
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	2.8mm~12mm
Max Aperture	F1.4
Focus Control	Manual
Angle of View	H: 92°~30°
Lens Type	Manual/ Auto Iris(DC)
Mount Type	Board-in Type
Video	
Compression	H.264/MJPEG
Resolution	1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/ G.711u/ PCM
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF Profile S
Max. User Access	20users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	2/1 channel In/Out
PIR Sensor Range	N/A
General	
Power Supply	DC12V(AC24V optional), PoE (802.3af)
Power Consumption	<7.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	273.3 mm×94.8mm×94.8mm
Weight	1.25kg

DH-IPC-HDB(W)5502-(DI) NEW

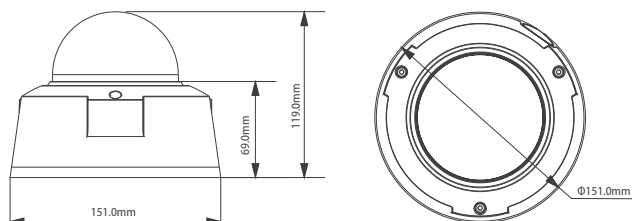
5Megapixel Full HD Network Motorized IR Dome Camera



Features

- 1/2.5" 5Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 12fps@5M(2560×1920)&25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, Auto Iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 4~9mm varifocal motorized lens
- Built-in 1/1 alarm in/out
- Max. IR LEDs length 20m
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	IPC-HDB5502(-DI)	IPC-HDBW5502(-DI)
Camera		
Image Sensor	1/2.5" 5Megapixel Aptina CMOS	
Effective Pixels	2560(H)x1920(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3~1/10000	
Min. Illumination	0. 01Lux/F1.6(Color)	
S/N Ratio	More than 50dB	
Video Output	1 port	
Camera Features		
Max. IR LEDs Length	N/A	20m
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / DWDR	
White Balance	Auto	
Gain Control	Auto/Manual	
Noise Reduction	3D	
Privacy Masking	Up to 4 areas	
Lens		
Focal Length	4~9mm motorized	
Max Aperture	F1.6	
Focus Control	Auto	
Angle of View	H: 86.5°(Wide)~28.6°(Tele)	
Lens Type	Motorized /Auto Iris(DC)	
Mount Type	Board-in Type	
Video		
Compression	H.264H/H.264/MJPEG	
Resolution	5M(2536×1920)/3M(2048×1536)/1080P(1920×1080) / 720P(1280×720) / D1(704×576) / CIF(352×288)	
Frame Rate	Main Stream	5M(1~12fps)/1080P/720P(1~25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264H: 32K ~ 8192Kbps	
Audio		
Compression	G.711a / G.711u/ PCM	
Interface	1/1 channel In/Out	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Wi-Fi	N/A	
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour	
ONVIF	ONVIF PSIA CGI	
Max. User Access	20 users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Auxiliary Interface		
Memory Slot	Micro SD, Max 64GB	
RS485	N/A	
Alarm	1/1 channel In/Out	
PIR Sensor Range	N/A	
General		
Power Supply	DC12V/AC24V, PoE(802.3af)	
Power Consumption	<8.5W(AC24V: +2W)	
Working Environment	-30°C~-+60°C , Less than 90%RH	
Ingress Protection	IP66	
Vandal Resistance	IK10	
Dimensions	Φ151mm×119mm	
	Φ146mm×139.5mm(-DI)	
Weight	1.25kg	
	1.18kg(-DI)	

DH-IPC-HDB(W)5300/5302(-DI)

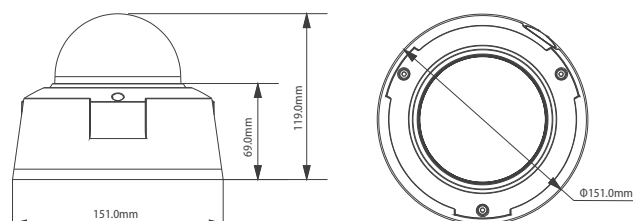
3Megapixel Full HD Vandal-proof IR Network In-ceiling Dome Camera



Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2052×1536) & 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, Auto Iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.7 ~12mm varifocal lens (5300)
3 ~9mm varifocal motorized lens (5302)
- Built-in 1/1 alarm in/out
- Max. IR LEDs length 20m(for W series only)
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessory (optional)



Technical Specifications

Model	DH-IPC-HDB(W)5300(-DI)		DH-IPC-HDB(W)5302(-DI)
Camera			
Image Sensor	1/3" 3Megapixel Aptina CMOS		
Effective Pixels	2048(H)×1536(V)		
Scanning System	Progressive		
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000		
Min. Illumination	0.1Lux/F1.2(Color), 0.01Lux/F1.2(B/W); 0Lux/F1.2(IR on)		
S/N Ratio	More than 50dB		
Video Output	1 port		
Camera Features			
Max. IR LEDs Length	20m(for W series only)		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR		
White Balance	Auto		
Gain Control	Auto/Manual		
Noise Reduction	3D		
Privacy Masking	Up to 4 areas		
Lens			
Focal Length	2.7~12mm	3~9mm motorized	
Max Aperture	F1.4	F1.2	
Focus Control	Manual	Auto	
Angle of View	H: 93.2°(Wide)~25.5°(Tele)	H: 86.5°(Wide)~28.6°(Tele)	
Lens Type	Manual /Auto Iris(DC)	Motorized /Auto Iris(DC)	
Mount Type	Board-in Type		
Video			
Compression	H.264 / MJPEG		
Resolution	3M(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576)/CIF(352×288)		
Frame Rate	Main Stream	3M(1~20fps)/1080P/720P(1~25/30fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
Bit Rate	H.264: 32K ~ 8192Kbps		
Audio			
Compression	G.711a / G.711u/ PCM		
Interface	1/1 channel In/Out		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Wi-Fi	N/A		
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour		
ONVIF	ONVIF,PSIA,CGI		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Auxiliary Interface			
Memory Slot	Micro SD, Max 64GB		
RS485	N/A		
Alarm	1/1 channel In/Out		
PIR Sensor Range	N/A		
General			
Power Supply	DC12V/AC24V, PoE(802.3af)		
Power Consumption	Max 5W (Motorized lens: +2W, IR on: +2W)		
Working Environment	-30℃~+60℃ , Less than 90%RH		
Ingress Protection	IP66		
Vandal Resistance	IK10		
Dimensions(W×D×H)	Φ151mm×119mm		
	Φ168mm×139.5mm(-DI)		
Weight	1.25kg		
	1.18kg(-DI)		

DH-IPC-HDB(W)5200/5202(-DI)

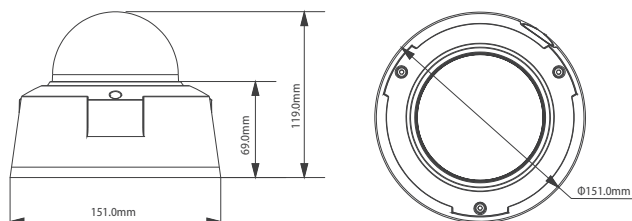
2Megapixel Full HD Water-Proof & Vandal-Proof (IR) Network Dome Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR, Auto iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.7~12mm varifocal lens (5200)
- 3~9mm varifocal motorized lens (5202)
- Built-in 1/1 alarm in/out
- Max. IR LEDs Length 20m
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HDB(W)5200(-DI)		DH-IPC-HDB(W)5202(-DI)	
Camera				
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS			
Effective Pixels	1920(H)×1080(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000			
Min. Illumination	0.1lux/F1.4(color), 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	1 port			
Camera Features				
Max. IR LEDs Length	20m(only for W Series)			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.7~12mm		3-9mm motorized	
Max Aperture	F1.4		F1.2	
Focus Control	Manual		Auto	
Angle of View	H: 100°(Wide)~30°(Tele)		H: 103.9°(Wide)~34.1°(Tele)	
Lens Type	Manual/Auto Iris (DC)		Motorized /Auto Iris(DC)	
Mount Type	Board-in Type			
Video				
Compression	H.264/ MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/ D1(704×576) / CIF(352×288)			
Frame Rate	Main Stream	1080P/720P(1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 32K ~ 8192Kbps			
Audio				
Compression	G.711a /G.711u /PCM			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF,PSIA,CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
RS485	N/A			
Alarm	1/1 channel In/Out			
PIR Sensor Range	N/A			
General				
Power Supply	AC24V/DC12V, PoE(802.3af)			
Power Consumption	Max 5W(IR on: +2W, Motorized lens: +2W)			
Working Environment	-30°C~-+60°C, Less than 90% RH			
Ingress Protection	IP66			
Vandal Resistance	IK10			
Dimensions	Φ151mm×119mm			
	Φ168mm×139.5mm(-DI)			
Weight	1.25kg			
	1.18kg(-DI)			

DH-IPC-HDB(W)5100(-DI)

1.3Megapixel HD Water-Proof & Vandal-Proof (IR) Network Dome Camera

Technical Specifications



DH-IPC-HDBW5100

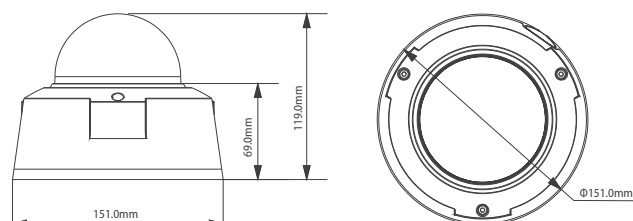
DH-IPC-HDBW5100-DI



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1.3M(1280×960)
- DWDR, Day/Night(ICR), 3DNR, Auto Iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.7~9mm varifocal lens
- Built-in 1/1 alarm in/out
- Max. IR LEDs Length 20m
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessory (optional)



Model	DH-IPC-HDB5100(-DI)		DH-IPC-HDBW5100(-DI)	
Camera				
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS			
Effective Pixels	1280(H)x960(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000			
Min. Illumination	0.01lux/F1.2(color), 0Lux/F1.2(IR on)			
S/N Ratio	More than 50db			
Video Output	1 Port			
Camera Features				
Max. IR LEDs Length	N/A	20m		
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.7~9mm			
Max Aperture	F1.2			
Focus Control	Manual			
Angle of View	H: 101°(Wide)~30.4°(Tele)			
Lens Type	Manual/Auto Iris(DC)			
Mount Type	Board-in Type			
Video				
Compression	H.264/ MJPEG			
Resolution	1.3M(1280×960)/720P(1280×720)/ D1(704×576/704×480)			
Frame Rate	Main Stream	1.3M/720P (1 ~ 25/30fps)		
	Sub Stream	D1(1 ~ 25/30fps)		
Bit Rate	H.264: 16K ~ 8192Kbps			
Audio				
Compression	G.711a/ G.711u/ PCM			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF,PSIA,CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
RS485	N/A			
Alarm	1/1 channel In/Out			
PIR Sensor Range	N/A			
General				
Power Supply	AC24V/DC12V, PoE(802.3af)			
Power Consumption	Max 5W(IR on: +2W)			
Working Environment	-30°C~-+60°C, Less than 90% RH			
Ingress Protection	IP66			
Vandal Resistance	IK10			
Dimensions(W×D×H)	Φ151mm×119mm			
	Φ168mm×139.5mm(-DI)			
Weight	1.25kg			
	1.18kg(-DI)			

DH-IPC-HFW4300E

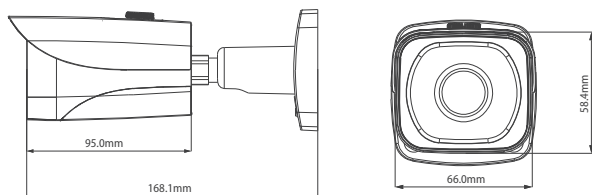
3Megapixel Full HD Network Small IR-Bullet Camera



Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048×1536)&25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm,8mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFA121 PFA151 PFA152

Technical Specifications

Model	DH-IPC-HFW4300E
Camera	
Image Sensor	1/3" 3Megapixel progressive scan CMOS
Effective Pixels	2048(H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.6 (Color), 0.005Lux/F1.6(B/W);0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm,8mm optional)
Max Aperture	F1.8(F1.6/F1.6)
Focus Control	Manual
Angle of View	H:72.5°(44°/33.2°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264 / MJPEG
Resolution	3M(2048×1536)/1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 3M(1~20fps)/1080P/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 5.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	168.1mm×66mm×58.4mm
Weight	0.5kg

DH-IPC-HFW4200E

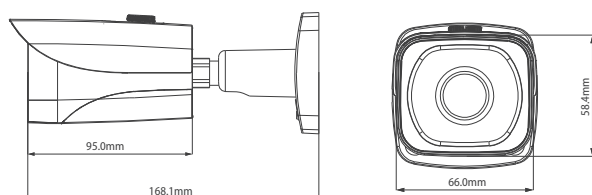
2Megapixel Full HD Network Small IR-Bullet Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm,8mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-IPC-HFW4200E
Camera	
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS
Effective Pixels	1920(H)×1080(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.1Lux/F1.6 (Color), 0.01Lux/F1.6(B/W);0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm,8mm optional)
Max Aperture	F1.8(F1.6/F1.6)
Focus Control	Manual
Angle of View	H:88°(53°/39.7°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/MJPEG
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 5.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	168.1mm×66mm×58.4mm
Weight	0.5kg

DH-IPC-HFW4100E

1.3Megapixel HD Network Small IR-Bullet Camera

Technical Specifications

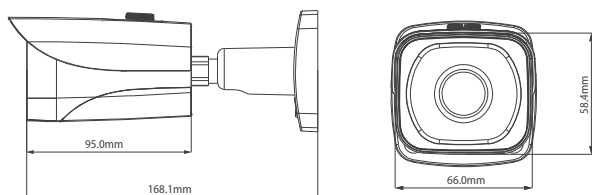
Model	DH-IPC-HFW4100E
Camera	
Image Sensor	1/3" 1.3 Megapixel Progressive scan CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.8(Color), 0.005Lux/F1.8(B/W);0Lux/F1.8(IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm,8mm optional)
Max Aperture	F1.8(F1.8,F1.8)
Focus Control	Manual
Angle of View	H:70°(46.5°/35°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/MJPEG
Resolution	1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour,
ONVIF	ONVIF, PSIA, CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	168.1mm×66mm×58.4mm
Weight	0.5kg



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1.3M(1280×960)/ 720P(1280×720)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm,8mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFA121



PFA151



PFA152

DH-IPC-HFW4300S

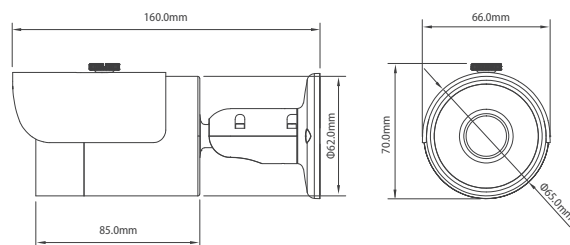
3Megapixel Full HD Network Small IR-Bullet Camera



Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048×1536)&25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm,8mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-IPC-HFW4300S
Camera	
Image Sensor	1/3" 3Megapixel progressive scan CMOS
Effective Pixels	2048(H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.6 (Color), 0.005Lux/F1.6(B/W); 0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm,8mm optional)
Max Aperture	F1.8(F1.6/F1.6)
Focus Control	Manual
Angle of View	H:72.5°(44°/33.2°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	3M(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) /CIF(352×288/352×240)
Frame Rate	Main Stream
	Sub Stream
3M(1 ~20fps)/1080P/720P(1 ~ 25/30fps)	
D1/CIF(1 ~ 25/30fps)	
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 5.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	70mm×66mm×160mm
Weight	0.42kg

DH-IPC-HFW4200S

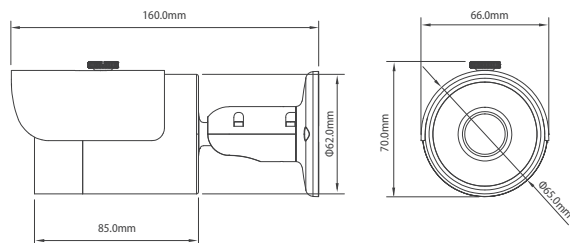
2Megapixel Full HD Network Small IR-Bullet Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm,8mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HFW4200S
Camera	
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS
Effective Pixels	1920(H)×1080(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.1Lux/F1.6(Color), 0.01Lux/F1.6(B/W);0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm,8mm optional)
Max Aperture	F1.8(F1.6/F1.6)
Focus Control	Manual
Angle of View	H:88°(53°/39.7°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	1080P(1920×1080)/720P(1280×720)/ D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF ,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 5.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	70mm×66mm×160mm
Weight	0.42kg

DH-IPC-HFW4100S

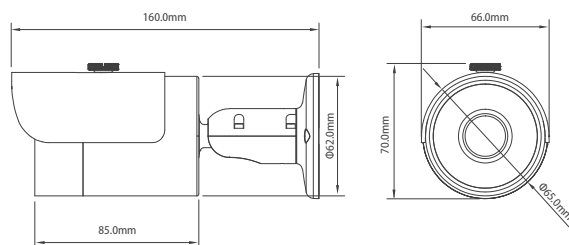
1.3Megapixel HD Network Small IR-Bullet Camera



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1.3M(1280×960)&25/30fps@720P(1280×720)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm,8mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-IPC-HFW4100S
Camera	
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.8(Color), 0.005Lux/F1.8(B/W)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm,8mm optional)
Max Aperture	F1.8(F1.8,F1.8)
Focus Control	Manual
Angle of View	H:70°(46.5°/35°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	1.3M(1280×960)/720P(1280×720)/ D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	70mm×66mm×160mm
Weight	0.42kg

DH-IPC-HDBW4300E(-S/AS) NEW

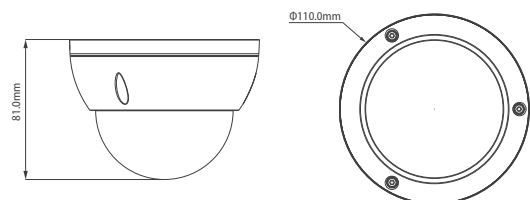
3Megapixel Full HD Network IR Mini Dome Camera



Features

- 1/3" 3Megapixel progressive scan CMOS
- H.264&MJPEG dual-stream encoding
- Max 20fps@3M(2048×1536), 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR LEDs Length 30m
- IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA131

PFA123

Technical Specifications

Model	IPC-HDBW4300E(-S/AS)
Camera	
Image Sensor	1/3" 3Megapixel progressive scan CMOS
Effective Pixels	2048(H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.1Lux/F1.8 (Color), 0.01Lux/F1.8(B/W)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm, 6mm optional)
Max Aperture	F1.8(F2.0/F1.8)
Focus Control	Manual
Angle of View	H: 72.5°/90°/44°
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	3M(2048×1536)/1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) /CIF(352×288/352×240)
Frame Rate	Main Stream 3M(1~20fps)/ 1080P/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/G.711u/PCM(-AS)
Interface	1/1 channel In/Out(-AS)
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD Max 64GB(-AS/-S)
RS485	N/A
Alarm	1/1 channel In/Out(-AS)
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 4W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ110mm×81mm
Weight	0.39kg

DH-IPC-HDBW4200E(-S/AS) NEW

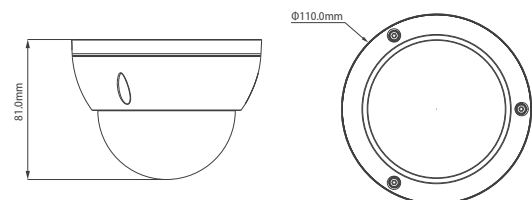
2Megapixel Full HD Network IR Mini Dome Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR LEDs Length 30m
- IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	IPC-HDBW4200E(-S/AS)
Camera	
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS
Effective Pixels	1920(H)×1080(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.1Lux/F1.8 (Color), 0.01Lux/F1.8(B/W)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm, 6mm optional)
Max Aperture	F1.8(F2.0/F1.8)
Focus Control	Manual
Angle of View	H: 72.5°/90°/44°
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/G.711u/PCM(-AS)
Interface	1/1 channel In/Out(-AS)
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVI, PSIA, CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD Max 64GB(-AS/-S)
RS485	N/A
Alarm	1/1 channel In/Out(-AS)
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	< 4W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ110mm×81mm
Weight	0.39kg

DH-IPC-HDBW4100E(-S/AS) NEW

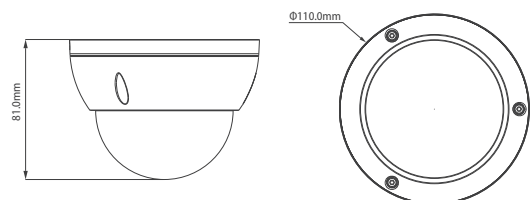
1.3Megapixel HD IR Mini Dome Camera



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1.3M(1280×960)&720(1280×720)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR LEDs length 30m
- IK10, IP66, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

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PFA123

Technical Specifications

Model	IPC-HDBW4100E(-S/AS)	
Camera		
Image Sensor	1/3" 1.3Megapixel Aptina CMOS	
Effective Pixels	1280(H)×960(V)	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s	
Min. Illumination	0.01Lux/F1.6(Color), 0Lux/F1.6(IR on)	
S/N Ratio	More than 50dB	
Video Output	N/A	
Camera Features		
Max. IR Length	30m	
Day/Night	Auto(ICR)/Color/B/W	
Backlight Compensation	BLC / HLC / DWDR	
White Balance	Auto/Manual	
Gain Control	Auto/Manual	
Noise Reduction	3D	
Privacy Masking	Up to 4 areas	
Lens		
Focal Length	3.6mm (2.8mm, 6mm optional)	
Max Aperture	F1.8(F2.0/F1.6)	
Angle of View	H: 72.5°/90°/44°	
Lens Type	Fixed lens	
Mount Type	Board-in Type	
Video		
Compression	H.264 / MJPEG	
Resolution	1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)	
Frame Rate	Main Stream	1.3M/720P(1 ~ 25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps	
Audio		
Compression	G.711a/G.711u/PCM(-AS)	
Interface	1/1 channel In/Out(-AS)	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour	
Compatibility	ONVIF,PSIA,CGI	
Max. User Access	20 users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Auxiliary Interface		
Memory Slot	Micro SD Max 64GB(-AS/-S)	
RS485	N/A	
Alarm	1/1 channel In/Out(-AS)	
PIR Sensor Range	N/A	
General		
Power Supply	DC12V, PoE(802.3af)	
Power Consumption	<3.5W	
Working Environment	-30°C~+60°C, Less than 95% RH	
Ingress Protection	IP66	
Vandal Resistance	IK10	
Dimensions	Φ110mm×81mm	
Weight	0.39Kg	

DH-IPC-HDB4300F-PT NEW

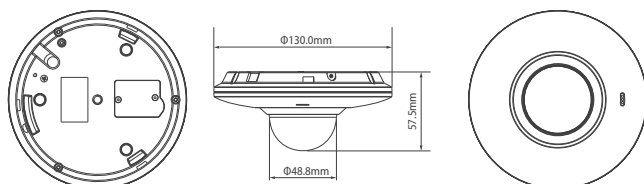
3Megapixel Full HD Network Mini PT Dome Camera



Features

- 1/3" 3Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048×1536), 25/30fps@1080P
- Day/Night(Electronic), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 100°/s preset speed, ±180° Pan range, 90°Tilt range
- 3.6mm fixed lens
- Micro SD memory, IP66, IK10

Dimensions (mm)



Accessories(optional)



PFB200W



PFA123

Technical Specifications

Model	DH-IPC-HDB4300F-PT
Camera	
Image Sensor	1/3" 3Megapixel progressive scan CMOS
Effective Pixels	2048(H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.01lux/F1.2(Color)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR LEDs Length	N/A
Day/Night	Auto(Electronic)/Color/B/W
Backlight Compensation	BLC/HLC/DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Digital Zoom	3x
Lens	
Focal Length	3.6mm
Max Aperture	F1.2
Focus Control	Manual
Angle of View	H:72.5°
Lens Type	Fixed lens
Mount Type	Board-in Type
PT	
Pan/ Tilt Range	Pan: 0°~±180°; Tilt: 0°~90°
Preset Speed	100°/s
Preset	25
Video	
Compression	H.264/ MJPEG
Resolution	3M(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream Sub Stream 3M(1~20fps)/1080P/720P(1 ~ 25/30fps) D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/G.711u/PCM
Interface	Built-in Mic
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE(802.3af)
Power Consumption	<4.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Ø130mm×57.5mm
Weight	0.25kg

DH-IPC-HDB4200F-PT NEW

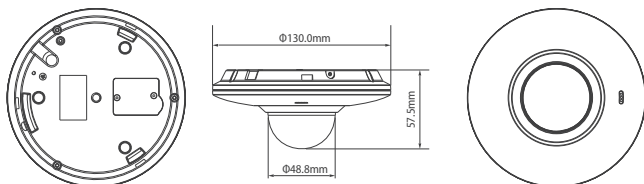
2Megapixel Full HD Network Mini PT Dome Camera



Features

- 1/2.8" 2Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080P
- Day/Night(Electronic), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 100°/s preset speed, $\pm 180^\circ$ Pan range, 90° Tilt range
- 3.6mm fixed lens
- Micro SD memory, IP66, IK10

Dimensions (mm)



Accessories(optional)



PFB200W



PFA123

Technical Specifications

Model	DH-IPC-HDB4200F-PT
Camera	
Image Sensor	1/2.8" 2Megapixel progressive scan CMOS
Effective Pixels	1920(H)×1080(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.01lux/F1.2(Color)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR LEDs Length	N/A
Day/Night	Auto(Electronic)/Color/B/W
Backlight Compensation	BLC/HLC/DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Digital Zoom	3x
Lens	
Focal Length	3.6mm
Max Aperture	F1.2
Focus Control	Manual
Angle of View	H:88°
Lens Type	Fixed lens
Mount Type	Board-in Type
PT	
Pan/ Tilt Range	Pan: $0^\circ \sim \pm 180^\circ$; Tilt: $0^\circ \sim 90^\circ$
Preset Speed	100°/s
Preset	25
Video	
Compression	H.264/ MJPEG
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/G.711u/PCM
Interface	Built-in Mic
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE(802.3af)
Power Consumption	<4.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Ø130mm×57.5mm
Weight	0.25kg

DH-IPC-HDB4100F-PT NEW

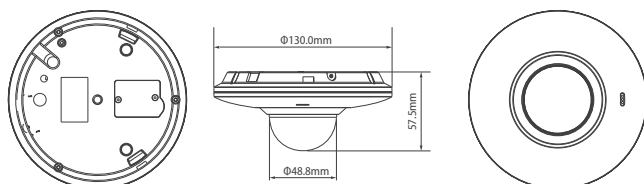
1.3 Megapixel HD Network Mini PT Dome Camera



Features

- 1/3" 1.3Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1.3M(1280×960)
- Day/Night(Electronic), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 100°/s preset speed, ±180° Pan range, 90°Tilt range
- 3.6mm fixed lens
- Micro SD memory, IP66, IK10

Dimensions (mm)



Accessories(optional)



PFB200W



PFA123

Technical Specifications

Model	DH-IPC-HDB4100F-PT
Camera	
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.01Lux/F1.2(Color)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR LEDs Length	N/A
Day/Night	Auto(Electronic)/Color/B/W
Backlight Compensation	Off/BLC/HLC/DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Digital Zoom	3x
Lens	
Focal Length	3.6mm
Max Aperture	F1.2
Focus Control	Manual
Angle of View	H:70°
Lens Type	Fixed lens
Mount Type	Board-in Type
PT	
Pan/ Tilt Range	Pan: 0°~±180°; Tilt: 0°~90°
Preset Speed	100°/s
Preset	25
Video	
Compression	H.264/ MJPEG
Resolution	1.3M(1280×960)/720P(1280×720) / D1(704×576/704×480) /CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/G.711u/PCM
Interface	Built-in Mic
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE(802.3af)
Power Consumption	<4W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Ø130mm×57.5mm
Weight	0.25kg

DH-IPC-HDB4300C(-A) NEW

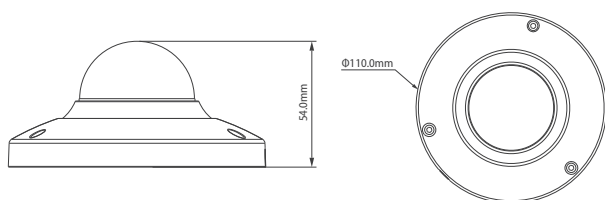
3Megapixel Water-Proof & Vandal-Proof Network Dome Camera



Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048×1536), 25/30fps@1080P
- Day/Night(Electronic), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA131

PFA123

Technical Specifications

Model	DH-IPC-HDB4300C(-A)
Camera	
Image Sensor	1/3" 3Megapixel progressive scan CMOS
Effective Pixels	2048(H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.1lux/F1.8(Color)
S/N Ratio	More than 50db
Video Output	N/A
Camera Features	
Max. IR Length	N/A
Day/Night	Auto(Electronic)/Color/B/W
Backlight Compensation	BLC/HLC/DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm, 6mm optional)
Max Aperture	F1.8(F2.0/F1.6)
Focus Control	Manual
Angle of View	H:72.5°(90°/44°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	3M(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/ CIF(352×288/352×240)
Frame Rate	Main Stream 3M(1~20fps)/1080P/720P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/G.711u/PCM(-A)
Interface	Built-in Mic(-A)
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE(802.3af)
Power Consumption	Max 3W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66; N/A(-A)
Vandal Resistance	IK10
Dimensions	Φ110mm×54mm
Weight	0.25kg

DH-IPC-HDB4200C(-A) NEW

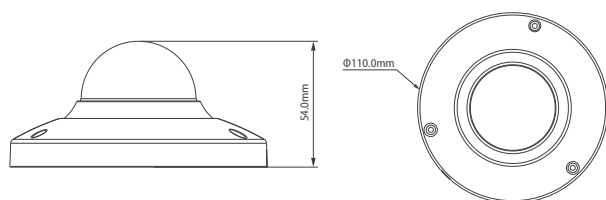
2Megapixel Water-Proof & Vandal-Proof Network Dome Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264& MJPEG dual-stream encoding
- Max 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(Electronic), 3DNR, WB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA131

PFA123

Technical Specifications

Model	DH-IPC-HDB4200C(-A)
Camera	
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS
Effective Pixels	1920(H)×1080(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.1lux/F1.6(Color)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	N/A
Day/Night	Auto(Electronic)/Color/B/W
Backlight Compensation	Off/BLC/HLC/DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm,6mm optional)
Max Aperture	F1.6 (F2.0,F1.8)
Focus Control	Manual
Angle of View	H:88°(110°/53°)
Lens Type	Fixed Lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/G.711u/PCM(-A)
Interface	1/1 channel In/Out(-A)
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 3W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66; N/A(-A)
Vandal Resistance	IK10
Dimensions	Φ110mm×54mm
Weight	0.25kg

DH-IPC-HDB4100C(-A) NEW

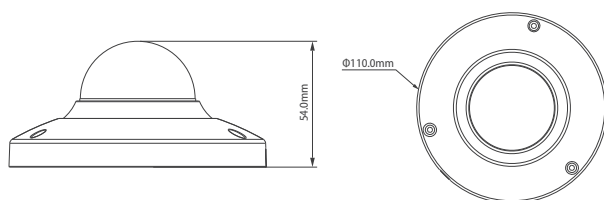
1.3Megapixel Water-Proof & Vandal-Proof Network Dome Camera



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1.3M(1280×960)
- Day/Night(Electronic), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA131

PFA123

Technical Specifications

Model	DH-IPC-HDB4100C(-A)
Camera	
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.1lux/F1.8(Color)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	N/A
Day/Night	Auto(Electronic)/Color/B/W
Backlight Compensation	BLC/HLC/DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm, 6mm optional)
Max Aperture	F1.8(F2.0, F1.8)
Focus Control	Manual
Angle of View	H:70°(89°/46.5°)
Lens Type	Fixed Lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	G.711a/G.711u/PCM(-A)
Interface	Built-in Mic(-A)
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour,
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE(802.3af)
Power Consumption	Max 2.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66; N/A(-A)
Vandal Resistance	IK10
Dimensions	Φ110mm×54mm
Weight	0.25kg

DH-IPC-HDW4300S

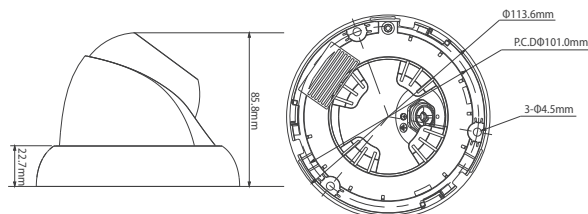
3Megapixel Full HD Network Small IR Dome Camera



Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048×1536)&25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs Length 20m
- IP66, PoE

Dimensions (mm)



Accessories (optional)



PFB200W

PFA130

PFA122

Technical Specifications

Model	DH-IPC-HDW4300S
Camera	
Image Sensor	1/3" 3Megapixel progressive scan Aptina CMOS
Effective Pixels	2052(H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.6 (Color), 0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	20m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm optional)
Max Aperture	F1.8(F1.6)
Focus Control	Manual
Angle of View	H:72.5°(44°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	3M(2048×1536)/1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) /CIF(352×288/352×240)
Frame Rate	Main Stream 3M(1~20fps)/1080P/720P(1~25/30fps)
	Sub Stream D1/CIF(1~25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 4W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ113.6mm×85.8mm
Weight	0.29kg(0.45kg with packaging)

DH-IPC-HDW4200S

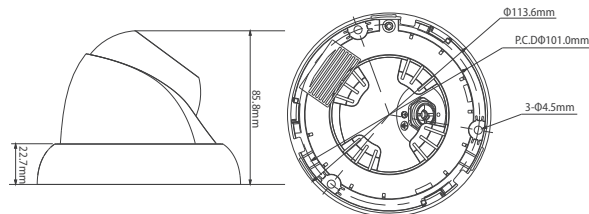
2Megapixel Full HD Network Small IR Dome Camera



Features

- 1/2.8" 2Megapixel progressive scan Exmor CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 3DNR,AWB,AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs Length 20m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA130

PFA122

Technical Specifications

Model	DH-IPC-HDW4200S
Camera	
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS
Effective Pixels	1920(H)×1080(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.1Lux/F1.6 (Color), 0Lux/F1.6(IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	20m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm optional)
Max Aperture	F1.8(F1.6)
Focus Control	Manual
Angle of View	H:88°(53°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 4W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Ø113.6mm×85.8mm
Weight	0.29kg(0.45kg with packaging)

DH-IPC-HDW4100S

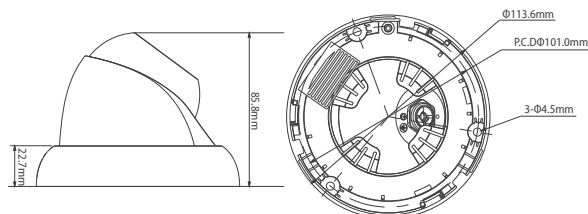
1.3Megapixel HD Network Small IR Dome Camera



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264&MJPEG dual-stream encoding
- Max 25/30fps@1.3M(1280×960) & 720P(1280×720)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR LEDs Length 20m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA130

PFA122

Technical Specifications

Model	DH-IPC-HDW4100S
Camera	
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS
Effective Pixels	1280(H)× 960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.05Lux/F1.8 (Color), 0Lux(IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	20m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm,6mm optional)
Max Aperture	F1.8(F2.0,F1.8)
Focus Control	Manual
Angle of View	H:70°(89°/46.5°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	1.3M(1280×960)/720P(1280×720)/ D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour,
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 4W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ113.6mm×85.8mm
Weight	0.29kg(0.45kg with packaging)

DH-IPC-HFW2300R-Z/VF

NEW

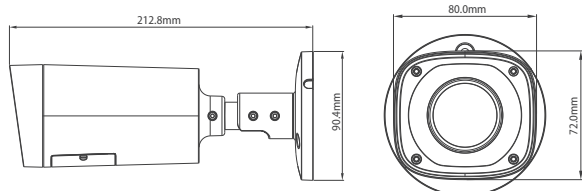
3Megapixel Full HD Network Water-proof IR-Bullet Camera



Features

- 1/3" 3Megapixel progressive Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048x1536)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8~12mm varifocal lens
- Max IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFA122

PFA151

PFA152

Technical Specifications

Model	DH-IPC-HFW2300R-VF		DH-IPC-HFW2300R-Z	
Camera				
Image Sensor	1/3" 3Megapixel progressive scan Aptina CMOS			
Effective Pixels	2048(H)×1536(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	0.01Lux/F1.4 (Color), 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. IR Length	30m			
Day/Night	Auto(ICR)/Color/B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.8mm~12mm		2.8mm~12mm	
Max Aperture	F1.4		F1.4	
Focus Control	Manual		Auto	
Angle of View	H: 92°~ 28°		H: 92°~ 28°	
Lens Type	Manual/ Fixed Iris		Motorized/ Fixed Iris	
Mount Type	Board-in Type		Board-in Type	
Video				
Compression	H.264/ H.264H/ MJPEG			
Resolution	3M(2048×1536)/1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)			
Frame Rate	Main Stream	3M(1 ~ 20fps)/1080P (1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264H: 40K ~ 8192Kbps; MJPEG: 40 ~ 16384Kbps			
Audio				
Compression	N/A			
Interface	N/A			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF, CGI, PSIA			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A			
RS485	N/A			
Alarm	N/A			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V, PoE (802.3af)			
Power Consumption	Max 4.5W		Max 8.5W	
Working Environment	-30°C~-+60°C, Less than 95% RH			
Ingress Protection	IP66			
Vandal Resistance	N/A			
Dimensions	72mm×80mm×212.8mm			
Weight	0.65kg			

DH-IPC-HFW2200R-Z/VF NEW

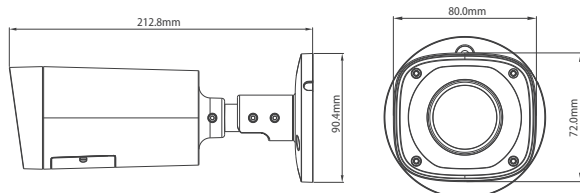
2Megapixel Full HD Network Water-proof IR-Bullet Camera



Features

- 1/2.8" 2Megapixel progressive Exmor CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1080P(1920x1080) & 25/30fps@720P(1280x720)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8~12mm varifocal lens
- Max IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories (optional)



PFA122

PFA151

PFA152

Technical Specifications

Model	DH-IPC-HFW2200R-VF		DH-IPC-HFW2200R-Z	
Camera				
Image Sensor	1/2.8" 2Megapixel progressive scan Sony Exmor CMOS			
Effective Pixels	1920(H)×1080(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	0.01Lux/F1.4 (Color), 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. IR Length	30m			
Day/Night	Auto(ICR)/Color/B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.8mm~12mm		2.8mm~12mm	
Max Aperture	F1.4		F1.4	
Focus Control	Manual		Auto	
Angle of View	H: 98.1°~ 29.9°		H: 98.1°~ 29.9°	
Lens Type	Manual/ Fixed Iris		Motorized/ Fixed Iris	
Mount Type	Board-in Type		Board-in Type	
Video				
Compression	H.264/ H.264H/ MJPEG			
Resolution	1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/ D1(704×576/704×480)/CIF(352×288/352×240)			
Frame Rate	Main Stream	1080P/960P/720P(1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264H: 40K ~ 8192Kbps			
Audio				
Compression	N/A			
Interface	N/A			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF, CGI, PSIA			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A			
RS485	N/A			
Alarm	N/A			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V, PoE (802.3af)			
Power Consumption	Max 4.5W		Max 8.5W	
Working Environment	-30°C~-+60°C, Less than 95% RH			
Ingress Protection	IP66			
Vandal Resistance	N/A			
Dimensions	72mm×80mm×212.8mm			
Weight	0.65kg			

DH-IPC-HFW2100R-Z/VF NEW

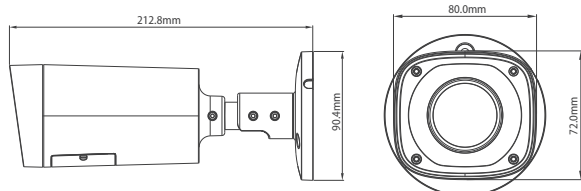
1.3Megapixel HD Network Water-proof IR-Bullet Camera



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1.3M(1280×960) & 25/30fps@720P(1280×720)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8~12mm varifocal lens
- Max IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



PFA122

PFA151

PFA152

Technical Specifications

Model	DH-IPC-HFW2100R-VF		DH-IPC-HFW2100R-Z	
Camera				
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS			
Effective Pixels	1280(H)×960(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	0.01Lux/F1.4 (Color), 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. IR Length	30m			
Day/Night	Auto(ICR)/Color/B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.8mm~12mm		2.8mm~12mm	
Max Aperture	F1.4		F1.4	
Focus Control	Manual		Auto	
Angle of View	H: 92°~ 28°		H: 92°~ 28°	
Lens Type	Manual/ Fixed Iris		Motorized/ Fixed Iris	
Mount Type	Board-in Type		Board-in Type	
Video				
Compression	H.264/ H.264H/ MJPEG			
Resolution	1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)			
Frame Rate	Main Stream	1.3M /720P(1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264H: 40K ~ 8192Kbps			
Audio				
Compression	N/A			
Interface	N/A			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF, CGI, PSIA			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A			
RS485	N/A			
Alarm	N/A			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V, PoE (802.3af)			
Power Consumption	Max 4.5W		Max 8.5W	
Working Environment	-30°C~-+60°C, Less than 95% RH			
Ingress Protection	IP66			
Vandal Resistance	N/A			
Dimensions	72mm×80mm×212.8mm			
Weight	0.65kg			

DH-IPC-HDBW2300R-Z/VF NEW

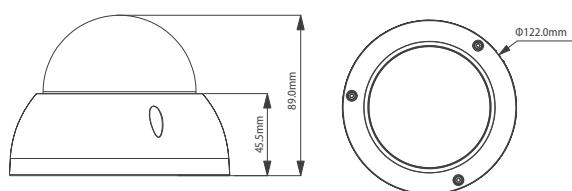
3Megapixel Full HD Water-Proof & Vandal-Proof Network Dome Camera



Features

- 1/3" 3Megapixel progressive Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048x1536)&25/30fps@1080P(1920 x1080)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8~12mm varifocal lens
- Max IR LEDs Length 20m
- IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA123

Technical Specifications

Model	DH-IPC-HDBW2300R-VF		DH-IPC-HDBW2300R-Z	
Camera				
Image Sensor	1/3" 3Megapixel progressive scan Aptina CMOS			
Effective Pixels	2048(H)×1536(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	0.1Lux/F1.4 (Color), 0.01Lux/F1.4(B/W); 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. IR Length	20m			
Day/Night	Auto(ICR)/Color/B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.8mm~12mm		2.8mm~12mm	
Max Aperture	F1.4		F1.4	
Focus Control	Manual		Auto	
Angle of View	H: 98.1°~ 29.9°		H: 98.1°~ 29.9°	
Lens Type	Manual/ Fixed Iris		Motorized/ Fixed Iris	
Mount Type	Board-in Type		Board-in Type	
Video				
Compression	H.264/ H.264H/ H.264B/ MJPEG			
Resolution	3M(2048x1536)/1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/D1(704x576/704x480)/CIF(352x288/352x240)			
Frame Rate	Main Stream	3M(1 ~ 20fps)/1080P (1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 56K ~ 6144Kbps			
Audio				
Compression	N/A			
Interface	N/A			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF, PSIA, CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A			
RS485	N/A			
Alarm	N/A			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V, PoE (802.3af)			
Power Consumption	<4W		<7.5W	
Working Environment	-30°C~-+60°C, Less than 95% RH			
Ingress Protection	IP66			
Vandal Resistance	IK10			
Dimensions	Φ122mm×89mm			
Weight	0.5kg			

DH-IPC-HDBW2200R-Z/VF NEW

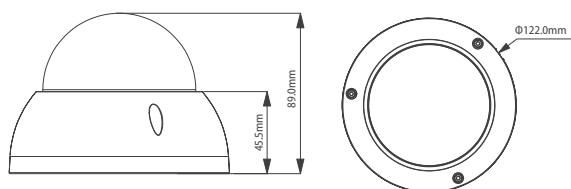
2Megapixel Full HD Water-Proof & Vandal-Proof Network Dome Camera



Features

- 1/2.8" 2Megapixel progressive Exmor CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1080P(1920x1080)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8~12mm varifocal lens
- Max IR LEDs Length 20m
- IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA123

Technical Specifications

Model	DH-IPC-HDBW2200R-VF		DH-IPC-HDBW2200R-Z	
Camera				
Image Sensor	1/2.8" 2Megapixel progressive scan Exmor CMOS			
Effective Pixels	1920(H)×1080(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	0.1Lux/F1.4 (Color), 0.01Lux/F1.4(B/W); 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. IR Length	20m			
Day/Night	Auto(ICR)/Color/B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.8mm~12mm		2.8mm~12mm	
Max Aperture	F1.4		F1.4	
Focus Control	Manual		Auto	
Angle of View	H: 98.1°~ 29.9°		H: 98.1°~ 29.9°	
Lens Type	Manual/ Fixed Iris		Motorized/ Fixed Iris	
Mount Type	Board-in Type		Board-in Type	
Video				
Compression	H.264/ H.264H/ H.264B/ MJPEG			
Resolution	1080P(1920x1080)/1.3M(1280×960)/720P(1280×720)/ D1(704×576/704×480)/CIF(352×288/352×240)			
Frame Rate	Main Stream	1080P/720P(1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 56K ~ 6144Kbps			
Audio				
Compression	N/A			
Interface	N/A			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF, PSIA, CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A			
RS485	N/A			
Alarm	N/A			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V, PoE (802.3af)			
Power Consumption	<4W		<7.5W	
Working Environment	-30℃~-+60℃, Less than 95% RH			
Ingress Protection	IP66			
Vandal Resistance	IK10			
Dimensions	Φ122mm×89mm			
Weight	0.5kg			

DH-IPC-HDBW2100R-Z/VF NEW

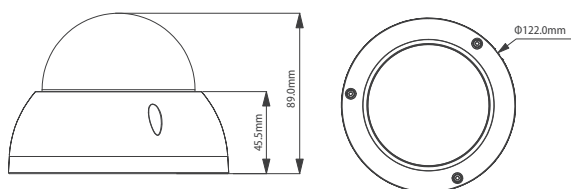
1.3Megapixel HD Water-Proof & Vandal-Proof Network Dome Camera



Features

- 1/3" 1.3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1.3M(1280×960) & 25/30fps@720P(1280×720)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8~12mm varifocal lens
- Max IR LEDs Length 20m
- IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



PFB200W

PFA123

Technical Specifications

Model	DH-IPC-HDBW2100R-VF		DH-IPC-HDBW2100R-Z	
Camera				
Image Sensor	1/3" 3Megapixel progressive scan Aptina CMOS			
Effective Pixels	2048(H)×1536(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s			
Min. Illumination	0.1Lux/F1.4 (Color), 0Lux/F1.4(IR on)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. IR Length	20m			
Day/Night	Auto(ICR)/Color/B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	2.8mm~12mm		2.8mm~12mm	
Max Aperture	F1.4		F1.4	
Focus Control	Manual		Auto	
Angle of View	H: 98.1° ~ 29.9°		H: 98.1° ~ 29.9°	
Lens Type	Manual/ Fixed Iris		Motorized/ Fixed Iris	
Mount Type	Board-in Type		Board-in Type	
Video				
Compression	H.264/ H.264H/ H.264B/ MJPEG			
Resolution	3M(2048x1536)/1080P(1920x1080)/1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)			
Frame Rate	Main Stream	1.3M/720P (1 ~ 25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 56K ~ 6144Kbps			
Audio				
Compression	N/A			
Interface	N/A			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF, PSIA, CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A			
RS485	N/A			
Alarm	N/A			
PIR Sensor Range	N/A			
General				
Power Supply	DC12V, PoE (802.3af)			
Power Consumption	<4W		<7.5W	
Working Environment	-30℃~-+60℃, Less than 95% RH			
Ingress Protection	IP66			
Vandal Resistance	IK10			
Dimensions	Φ122mm×89mm			
Weight	0.5kg			

DH-IPC-HFW1200S

NEW

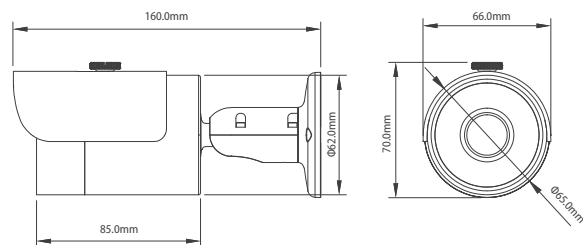
2Megapixel Full HD Network Small IR-Bullet Camera



Features

- 1/3" 3Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HFW1200S
Camera	
Image Sensor	1/3" 3Megapixel progressive scan CMOS
Effective Pixels	2048(H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.1Lux/F1.6(Color); 0Lux/F1.6 (IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC /HLC /DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	2D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm optional)
Max Aperture	F1.6(F1.6)
Focus Control	Manual
Angle of View	H: 71.9°/45.3°
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264H/H.264B/H.264/ MJPEG
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1080P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264H: 16K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS
ONVIF	ONVIF, CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 4W
Working Environment	-30°C~+60°C, Less than 95%RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ70mm×66mm×155mm
Weight	0.42kg

DH-IPC-HFW1000S NEW

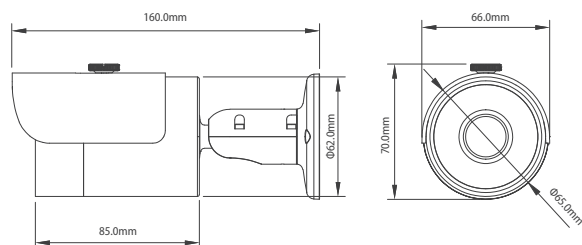
1Megapixel HD Network Small IR-Bullet Camera



Features

- 1/4" 1Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@720P(1280×720)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm,8mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HFW1200S
Camera	
Image Sensor	1/4" 1Megapixel progressive scan CMOS
Effective Pixels	1280(H)×720(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.01Lux/F1.8(Color); 0Lux/F1.8 (IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC /HLC /DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (6mm,8mm optional)
Max Aperture	F1.8(F1.8.F1.8)
Focus Control	Manual
Angle of View	H: 75.5°(48.5°/35.6°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264B/H.264/MJPEG
Resolution	720P(1280×720)/D1(704×576/704×480) /CIF(352×288/352×240)
Frame Rate	Main Stream 720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264H: 16K ~ 8Mbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS
ONVIF	ONVIF, CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 4W
Working Environment	-30°C~+60°C, Less than 95%RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ70mm×66mm×155mm
Weight	0.42kg

DH-IPC-HDBW1200E(-S) NEW

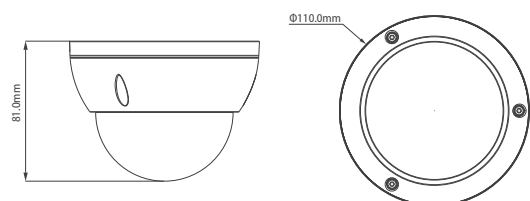
2Megapixel Full HD Network Mini IR Dome Camera



Features

- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR LEDs Length 30m
- Smoke glass & transparent glass optional
- Micro SD memory(-S), IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HDBW1200E(-S)
Camera	
Image Sensor	1/3" 3Megapixel Aptina CMOS
Effective Pixels	2048 (H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.1Lux/F1.8(Color); 0Lux/F1.8 (IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	2D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm, 6mm optional)
Max Aperture	F1.8(F2.0,F1.8)
Focus Control	Manual
Angle of View	H:71.9°(90°/45°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ H.264B/H.264H/MJPEG
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264H: 16K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF,PSIA,CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD Max 64GB(-S)
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V,PoE(802.3af)
Power Consumption	< 4.5W(-S:<5W)
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ110mm×81mm
Weight	0.39kg

DH-IPC-HDBW1000E(-S) NEW

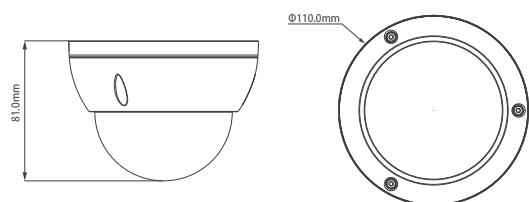
1Megapixel HD Network Small IR Dome Camera



Features

- 1/4" 1Megapixel progressive scan CMOS
- H.264&MJPEG dual-stream encoding
- 25/30fps@720P(1280×720)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR LEDs Length 30m
- Smoke glass & transparent glass optional
- IP66, IK10, PoE
- Micro SD memory

Dimensions (mm)



Accessories(optional)



PFB200W PFA131 PFA123

Technical Specifications

Model	DH-IPC-HDBW1000E(-S)
Camera	
Image Sensor	1/4" 1Megapixel CMOS
Effective Pixels	1280 (H) x 720(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000s
Min. Illumination	0.01Lux/F1.8 (Color); 0Lux/F1.8 (IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(Electronic)/Color/B/W
Backlight Compensation	BLC / ICR / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm, 6mm optional)
Max Aperture	F1.8(F2.0,F1.8)
Focus Control	Manual
Angle of View	H:70°(89°/46.5°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264/ MJPEG
Resolution	720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 16K ~ 8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF, PSIA, CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD Max 64GB(-S)
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 3.5W
Working Environment	-30°C~+60°C, Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ110mm×81mm
Weight	0.39kg

DH-IPC-HDW1200S NEW

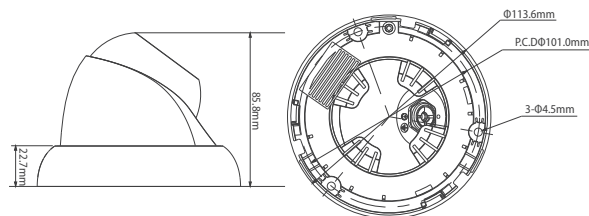
2Megapixel HD Network IR Mini Dome Camera



Features

- 1/3" 3Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm,6mm optional)
- Max. IR LEDs Length 30m
- IP66, PoE

Dimensions (mm)



Accessories(optional)



Technical Specifications

Model	DH-IPC-HDW1200S
Camera	
Image Sensor	1/3" 3Megapixel progressive scan CMOS
Effective Pixels	2048(H)×1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	0.1Lux/F1.6(Color); 0Lux/F1.6 (IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	30m
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC /HLC /DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	2D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm,6mm optional)
Max Aperture	F1.6(F1.8,F1.6)
Focus Control	Manual
Angle of View	H: 71.9°(89.8°/45°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264H/H.264B/H.264/ MJPEG
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1080P(1~25/30fps) Sub Stream D1/CIF(1~25/30fps)
Bit Rate	H.264H: 16K~8192Kbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS
ONVIF	ONVIF , CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	< 5W
Working Environment	-30°C~+60°C, Less than 95%RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Ø113.6mm×85.8mm
Weight	0.29kg(0.45 with packaging)

DH-IPC-HDW1000S

NEW

1Megapixel HD Network IR Mini Dome Camera



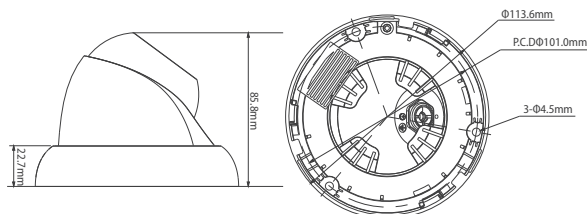
ONVIF



Features

- 1/4" 1Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@720P(1280×720)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (2.8mm,6mm optional)
- Max. IR LEDs Length 20m
- IP66, PoE

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-IPC-HDW1000S
Camera	
Image Sensor	1/4" 1Megapixel progressive scan CMOS
Effective Pixels	1280(H)×720(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3(4)~1/10000
Min. Illumination	Color: 0.01Lux/F1.8; 0Lux/F1.8 (IR on)
S/N Ratio	More than 50dB
Video Output	N/A
Camera Features	
Max. IR Length	20m
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC /HLC /DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Lens	
Focal Length	3.6mm (2.8mm,6mm optional)
Max Aperture	F1.8(F1.8/F1.8)
Focus Control	Manual
Angle of View	H: 75.5°(89°/48.5°)
Lens Type	Fixed lens
Mount Type	Board-in Type
Video	
Compression	H.264B/H.264/ MJPEG
Resolution	720P(1280×720)/D1(704×576/704×480) /CIF(352×288/352×240)
Frame Rate	Main Stream 720P(1~25/30fps)
	Sub Stream D1/CIF(1~25/30fps)
Bit Rate	H.264H: 16K~8Mbps
Audio	
Compression	N/A
Interface	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS
ONVIF	ONVIF, CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	N/A
RS485	N/A
Alarm	N/A
PIR Sensor Range	N/A
General	
Power Supply	DC12V, PoE (802.3af)
Power Consumption	Max 4.5W
Working Environment	-30°C~+60°C, Less than 95%RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ113.6mm×85.8mm
Weight	0.29kg(0.45 with packaging)

DH-IPC-K200/200A/200W

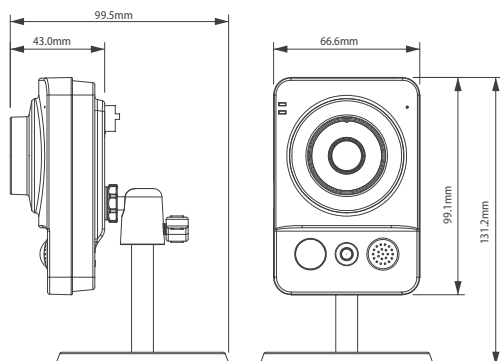
2Megapixel Full HD Cube Network Camera



Features

- 1/3" 2Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080P(1920×1080)
- DWDR, Day/Night, 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens
- White LEDs length 10m
- PIR sensor range 6m
- Micro SD memory (K200A only), PoE (K200/200A), Wi-Fi (K200W only)

Dimensions (mm)



Technical Specifications

Model	DH-IPC-K200		DH-IPC-K200A	DH-IPC-K200W
Camera				
Image Sensor	1/3" 2Megapixel progressive scan CMOS			
Effective Pixels	1920(H)×1080(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000			
Min. Illumination	0.05lux/F1.8(color)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. LEDs Length	10m			
Day/Night	Auto(Electronic) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	3.6mm			
Max Aperture	F1.8			
Focus Control	Manual			
Angle of View	86.5°			
Lens Type	Fixed Lens			
Mount Type	Board-in Type			
Video				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/D1/CIF			
Frame Rate	Main Stream	1080P/720P(1~25/30fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 16K ~ 8192Kbps			
Audio				
Compression	N/A		G.711a / G.711u / PCM	
Interface	N/A		Built-in Mic, Built-in speaker	
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A		Wi-Fi(802.11b/g)	
Protocol	IPv4/IPv6, HTTP, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF Profile S			
Max. User Access	10 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A		Micro SD, Max 64GB	N/A
RS485	N/A			
Alarm	N/A		1/1 channel In/Out	
PIR Sensor Range	Up to 6m			
General				
Power Supply	DC12V, PoE(802.3af)			DC12V
Power Consumption	Max 4.5W			Max 5W
Working Environment	-30°C~-+60°C, Less than 95%RH			-30°C~-+60°C, Less than 95%RH
Ingress Protection	N/A			
Vandal Resistance	N/A			
Dimensions(W×D×H)	66.6mm×99.5mm×131.2mm			
Weight	0.35kg (0.4kg with bracket)			

DH-IPC-K100/K100A/K100W

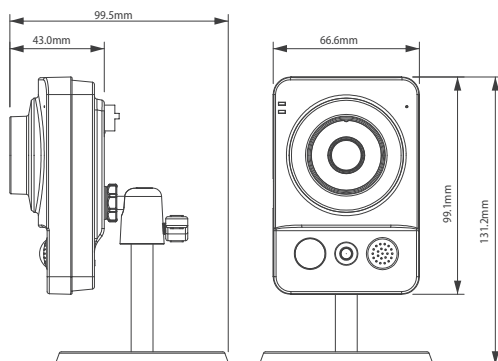
1.3Megapixel HD Cube Network Camera



Features

- 1/3" 1.3Megapixel Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 15fps@1.3M (1280×960)/25/30fps@720P(1280×720)
- DWDR, Day/Night, 2DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens
- White LEDs length 10m
- PIR sensor range 6m
- Micro SD memory (K100A&K100W only), PoE (K100&K100A only), Wi-Fi (K100W only)

Dimensions (mm)



Technical Specifications

Model	DH-IPC-K100		DH-IPC-K100A	DH-IPC-K100W
Camera				
Image Sensor	1/3" 1.3Megapixel progressive scan CMOS			
Effective Pixels	1280(H)×960(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto / Manual 1/3(4)~10000			
Min. Illumination	0.01Lux / F1.8 (Color)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. LEDs Length	10m			
Day/Night	Auto (Electronic) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto/Manual			
Gain Control	Auto/Manual			
Noise Reduction	2D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	3.6mm			
Max Aperture	F1.8			
Focus Control	N/A			
Angle of View	70°			
Lens Type	Fixed Lens			
Mount Type	Board-in Type			
Video				
Compression	H.264/MJPEG			
Resolution	1.3M (1280×960) / 720P (1280×720) / D1 / CIF			
Frame Rate	Main Stream	1.3M (1~15fps) / 720P / D1 (1~25/30fps)		
	Sub Stream	D1 / CIF (1~25/30fps)		
Bit Rate	H.264: 32K~8096Kbps			
Audio				
Compression	N/A	G.711a / G.711u / PCM		
Interface	N/A	Built-in Mic, Built-in speaker		
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A		Wi-Fi(802.11b/g)	
Protocol	IPv4/IPv6, HTTP, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF Profile S			
Max. User Access	10 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A	Micro SD, Max 64GB		N/A
RS485	N/A			
Alarm	N/A	1/1 channel In/Out		
PIR Sensor Range	Up to 6m			
General				
Power Supply	DC12V,PoE(802.3af)			DC12V
Power Consumption	Max 4W			Max 6W
Working Environment	-10℃~-+50℃, 10%~90%			
Ingress Protection	N/A			
Vandal Resistance	N/A			
Dimensions	66.6mm×99.5mm×131.2mm			
Weight	0.35ka (0.4ka with bracket)			

DH-IPC-KW100/100A/100W

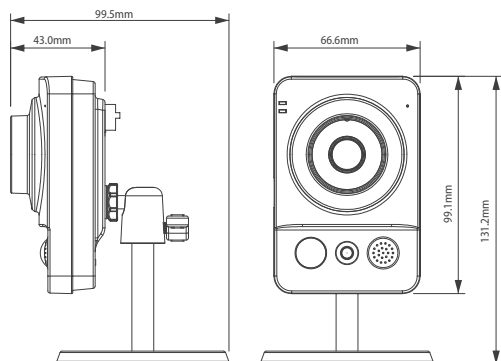
1.3Megapixel HD Cube Network Camera



Features

- 1/3" 1.3Megapixel Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1.3M (1280×960)/ 720P(1280×720)
- DWDR, Day/Night, 2DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm(2.8mm optional)
- IR LEDs length 10m
- PIR sensor range 6m
- Micro SD memory (KW100A only), PoE (KW100&KW100A only), Wi-Fi (KW100W only)

Dimensions (mm)



Technical Specifications

Model	DH-IPC-KW100		DH-IPC-KW100A	DH-IPC-KW100W
Camera				
Image Sensor	1/3" 1.3Megapixel Aptina CMOS			
Effective Pixels	1280(H)×960(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto / Manual, 1/3(4)~1/10000			
Min. Illumination	0.01Lux / F1.8(Color), 0Lux / F1.8(IR on)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. IR LEDs Length	10m			
Day/Night	Auto (ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto / Manual			
Gain Control	Auto / Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	3.6mm(2.8mm optional)			
Max Aperture	F2.0			
Focus Control	Manual			
Angle of View	70°(93°)			
Lens Type	Fixed Lens			
Mount Type	Board-in Type			
Video				
Compression	H.264 / MJPEG			
Resolution	1.3M (1280×960) / 720P (1280×720) / D1 / CIF			
Frame Rate	Main Stream	1.3M / 720P (1~25/30fps)		
	Sub Stream	D1 / CIF (1~25/30fps)		
Bit Rate	H.264: 16K~8096Kbps			
Audio				
Compression	N/A		G.711a / G.711u / PCM	
Interface	N/A		Built-in Mic, Built-in speaker	
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	N/A			Wi-Fi (802.11b/g)
Protocol	IPv4/IPv6, HTTP, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF Profile S			
Max. User Access	10 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A		Micro SD, Max 64GB	
RS485	N/A			
Alarm	N/A		1/1 channel In/Out	
PIR Sensor Range	Up to 6m			
General				
Power Supply	DC12V,PoE (802.3af)			DC12V
Power Consumption	Max4W		Max5W	Max5.3W
Working Environment	-10℃~-+50℃, Less than 95%RH			
Ingress Protection	N/A			
Vandal Resistance	N/A			
Dimensions (W×D×H)	66.6mm×99.5mm×131.2mm			
Weight	0.35kg (0.4ka with bracket)			

DH-IPC-KW10/12(W)

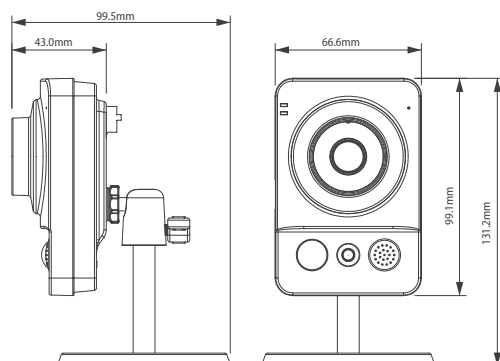
1Megapixel HD Cube Network Camera



Features

- 1/4" 1Megapixel CMOS
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@720P(1280×720)
- DWDR, Day/Night, 3 DNR, Auto iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm(2.8mm optional)
- PIR sensor range 6m(for KW12(W) only)

Dimensions (mm)



Technical Specifications

Model	DH-IPC-KW10(W)		DH-IPC-KW12(W)	
Camera				
Image Sensor	1/4" 1Megapixel CMOS			
Effective Pixels	1280(H)×720(V)			
Scanning System	Progressive			
Electronic Shutter Speed	Auto / Manual, 1/3(4)~1/10000			
Min. Illumination	0.1Lux / F1.2(Color)			
S/N Ratio	More than 50dB			
Video Output	N/A			
Camera Features				
Max. IR LEDs Length	10m			
Day/Night	Auto (ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto / Manual			
Gain Control	Auto / Manual			
Noise Reduction	3D			
Privacy Masking	Up to 4 areas			
Lens				
Focal Length	3.6mm(2.8mm optional)			
Max Aperture	F2.0			
Focus Control	Manual			
Angle of View	70°(90°)			
Lens Type	Fixed Lens			
Mount Type	Board-in Type			
Video				
Compression	H.264/MJPEG			
Resolution	720P (1280×720) / D1 / CIF			
Frame Rate	Main Stream	720P (1~25/30fps)		
	Sub Stream	D1 / CIF (1~25/30fps)		
Bit Rate	H.264: 56K~8192Kbps			
Audio				
Compression	G.711a / G.711u / PCM			
Interface	Built-in Mic		Built-in Mic / Speaker	
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wi-Fi	Wi-Fi (for KW10/12W only)			
Protocol	IPv4/IPv6, HTTP, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
ONVIF	ONVIF Profile S			
Max. User Access	10 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	N/A		Micro SD, Max 64GB	
RS485	N/A			
Alarm	N/A			
PIR Sensor Range	N/A		Up to 6m	
General				
Power Supply	DC12V			
Power Consumption	<4W			
Working Environment	-30℃~+60℃, Less than 95%RH			
Ingress Protection	N/A			
Vandal Resistance	N/A			
Dimensions (W×D×H)	66.6mm×99.5mm×131.2mm			
Weight	0.35kg (0.4kg with bracket)			

NETWORK PTZ CAMERA



DH-SD65220/230-HNI

2Megapixel Full HD 20x/30x Ultra-smart Network PTZ Dome Camera



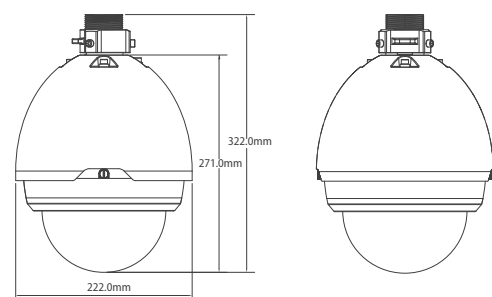
ONVIF



Features

- Powerful 20x/30x optical zoom
- Support Triple-streams encoding
- Max 50/60fps@720P and 25/30fps@1080P resolution
- Defog, DWDR, Day/Night(ICR), Ultra DNR, EIS, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 400 °/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support Auto tracking and IVS
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP67, IK10

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD65220-HNI		DH-SD65230-HNI	
Camera				
Image Sensor	1/2.8" Exmor CMOS			
Effective Pixels	1944(H)×1092(V), 2 Megapixels			
Scanning System	Progressive			
Electronic Shutter Speed	1/1 ~ 1/30,000s			
Min. Illumination	Color: 0.05Lux@F1.6,B/W: 0.005Lux@F1.6			
S/N Ratio	More than 50dB			
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	Ultra DNR (2D/3D)			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Defog	On / Off			
Lens				
Focal Length	4.7mm~94.0mm(20x Optical zoom)		4.3mm~129mm(30x Optical zoom)	
Max Aperture	F1.6~F3.5		F1.6~F4.7	
Focus Control	Auto / Manual			
Angle of View	H: 55.4°~2.80°		H:65.1°~2.34°	
Close Focus Distance	100mm ~ 1000mm			
PTZ				
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°			
Manual Control Speed	Pan: 0.1° ~ 300°/s; Tilt: 0.1° ~250°/s			
Preset Speed	Pan: 400°/s; Tilt: 300°/s			
Preset	80(DH-SD), 255(Pelco-P/D)			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length/ speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period			
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time			
Protocol	DH-SD (Auto recognition)			
Video				
Compression	H.264 / MJPEG			
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)			
Frame Rate	Main Stream	1080P (1 ~ 25/30fps) / 720P(1~50/60fps)		
	Sub Stream1	D1/CIF(1 ~ 25/30fps)		
	Sub Stream2	720P/D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps			
Audio				
Compression	G.711a / G.711u (32kbps) / PCM (128kbps)			
Interface	1/1 channel In/Out			
Intelligent Function				
Auto Tracking	Single-scene, multiple-scene, panorama-scene			
IVS	Tripwire, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc.			
Tracking Trigger Mode	Manual / Auto (alarm triggered)			
Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
Alarm	7/2 channel In/Out			
General				
Power Supply	AC 24V/3A (±10%)			
Power Consumption	20W, 45W(Heater on)			
Working Environment	-40°C ~ 60°C / Less than 90% RH			
Ingress Protection	IP67			
Vandal Resistance	IK10			
Dimensions	Φ222(mm)×322(mm)			
Weight	5.0kg			

DH-SD6A220/230-HNI

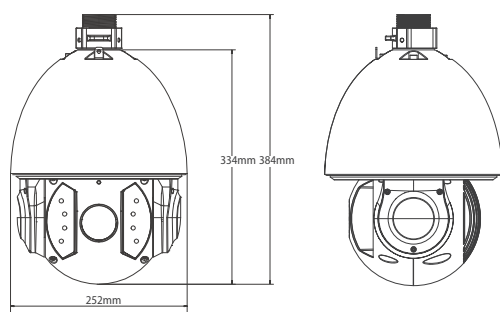
2Megapixel Full HD 20x/30x Ultra-smart Network IR PTZ Dome Camera



Features

- Powerful 20x/30x optical zoom
- Support Triple-streams encoding
- Max 50/60fps@720P and 25/30fps@1080P resolution
- Defog, DWDR, Day/Night(ICR), Ultra DNR, EIS, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support Auto tracking and IVS
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66
- IR Distance up to 150m

Dimensions (mm)



Accessories



PFB303W PFA111 Power Supply

Accessories(optional)



PFB300C PFA112 PFA113 PFA120 PFA150 PFA151

Technical Specifications

Model	DH-SD6A220-HNI		DH-SD6A230-HNI	
Camera				
Image Sensor	1/2.8" Exmor CMOS			
Effective Pixels	1944(H)×1092(V), 2 Megapixels			
Scanning System	Progressive			
Electronic Shutter Speed	1/1 ~ 1/30,000s			
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6			
S/N Ratio	More than 50dB			
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	Ultra DNR (2D/3D)			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Defog	On / Off			
Lens				
Focal Length	4.7mm~94.0mm(20x Optical zoom)		4.3mm~129mm(30x Optical zoom)	
Max Aperture	F1.6~F3.5		F1.6~F4.7	
Focus Control	Auto / Manual			
Angle of View	H: 55.4°~2.80°		H:65.1°~2.34°	
Close Focus Distance	100mm~1000mm			
PTZ				
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°			
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s			
Preset Speed	Pan: 240° /s; Tilt: 200° /s			
Preset	80(DH-SD), 255(Pelco-P/D)			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length/ speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period			
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time			
Protocol	DH-SD (Auto recognition)			
IR Distance	150m (2 near IR LED+ 8 far IR LED)			
Video				
Compression	H.264 / MJPEG			
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)			
Main Stream	1080P (1 ~ 25/30fps) / 720P(1~50/60fps)			
	Sub Stream1	D1/CIF(1 ~ 25/30fps)		
	Sub Stream2	720P/D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps			
Audio				
Compression	G.711a / G.711u(32Kbps)/ PCM(128Kbps)			
Interface	1/1 channel In/Out			
Intelligent Function				
Auto Tracking	Single-scene, multiple-scene, panorama-scene			
IVS	Tripwire, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc.			
Tracking Trigger Mode	Manual / Auto (alarm triggered)			
Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
Alarm	7/2 channel In/Out			
General				
Power Supply	AC 24V/3A (±16%)			
Power Consumption	20W, 43W (IR on, Heater on)			
Working Environment	-40°C ~ 70°C / Less than 90% RH			
Ingress Protection	IP66			
Dimensions	Φ252mm×384.3mm			
Weight	6.75kg			

DH-SD6AW220/230-HNI

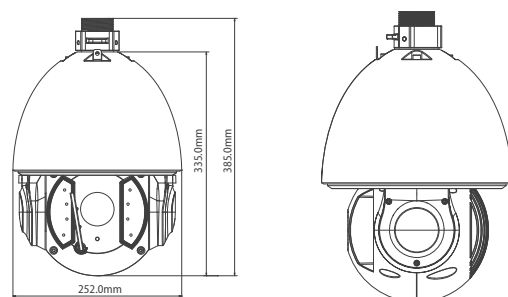
2Megapixel Full HD 20x/30x Ultra-smart Network IR Wiper PTZ Dome Camera



Features

- Powerful 20x/30x optical zoom
- Support Triple-streams encoding
- Max 50/60fps@720P and 25/30fps@1080P resolution
- Defog, DWDR, Wiper, Day/Night(ICR), Ultra DNR, EIS, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support Auto tracking and IVS
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66
- IR Distance up to 150m

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD6AW220-HNI		DH-SD6AW230-HNI	
Camera				
Image Sensor	1/2.8" Exmor CMOS			
Effective Pixels	1944(H) x 1092(V), 2 Megapixels			
Scanning System	Progressive			
Electronic Shutter Speed	1/1 ~ 1/30,000s			
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6			
S/N Ratio	More than 50dB			
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	Ultra DNR (2D/3D)			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Defog	On / Off			
Wipe	Support			
Lens				
Focal Length	4.7mm~94.0mm (20x Optical zoom)		4.3mm~129mm(30x Optical zoom)	
Max Aperture	F1.6~F3.5		F1.6~F4.7	
Focus Control	Auto / Manual			
Angle of View	H: 55.4° ~ 2.80°		H: 65.1° ~ 2.34°	
Close Focus Distance	100mm~ 1000mm			
PTZ				
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°			
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s			
Preset Speed	Pan: 240° /s; Tilt: 200° /s			
Preset	80(DH-SD)			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length/ speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period			
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time			
IR Distance	150m (2 near IR LED+ 8 far IR LED)			
Video				
Compression	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)			
Resolution	Main Stream	1080P (1 ~ 25/30fps) / 720P(1~50/60fps)		
	Sub Stream1	D1/CIF(1 ~ 25/30fps)		
	Sub Stream2	720P/D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps			
Audio				
Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)			
Interface	1/1 channel In/Out			
Intelligent Function				
Auto Tracking	Single-scene, multiple-scene, panorama-scene			
IVS	Tripwire, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc.			
Tracking Trigger Mode	Manual / Auto (alarm triggered)			
Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
Alarm	7/2 channel In/Out			
General				
Power Supply	AC 24V/3A (±16%)			
Power Consumption	20W, 43W (IR on, Heater on)			
Working Environment	-40°C ~ 70°C / Less than 90% RH			
Ingress Protection	IP66			
Dimensions	Φ252(mm)×385 (mm)			
Weight	6.75kg			

DH-SD63220S/230S-HN

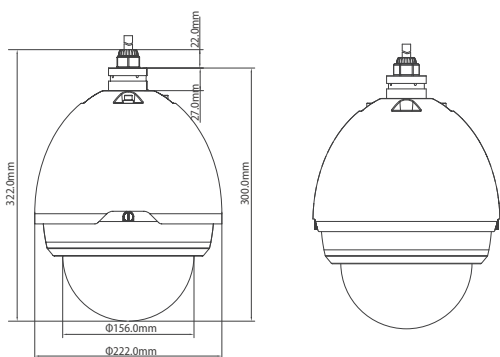
2Megapixel Full HD 20x/30x Network PTZ Dome Camera



Features

- 20x/30x optical zoom
- Max. 25/30fps@1080P(1920×1080) , 25/30/50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 300°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66, IK10

Dimensions (mm)



Accessories



PFB303W PFA111 Power Supply

Accessories(optional)



Technical Specifications

Model	DH-SD63220S-HN		DH-SD63230S-HN
Camera			
Image Sensor	1/2.8" Exmor CMOS		
Effective Pixels	1944(H)×1092(V)		
Scanning System	Progressive		
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6		
S/N Ratio	More than 50dB		
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	Ultra DNR (2D/3D)		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	5.5mm ~ 110mm(20x Optical zoom)	4.3mm~129mm(30x Optical zoom)	
Max Aperture	F1.6 ~ F3.5	F1.6 ~ F5.0	
Focus Control	Auto / Manual		
Angle of View	H: 51.0° ~ 2.60°	H: 65.1° ~ 2.34°	
Close Focus Distance	100mm~ 1000mm		
PTZ			
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°		
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~150° /s		
Preset Speed	Pan: 300° /s; Tilt: 200° /s		
Preset	80(DH-SD), 255(Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan		
Speed Setup	Human-oriented focal length/ speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
Video			
Compression	H.264 / MJPEG		
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/ 704×480) /CIF(352×288/352×240)		
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1 ~ 50/60fps)	
	Sub Stream1	D1/CIF(1 ~ 25/30fps)	
	Sub Stream2	720P/D1/ CIF (1 ~ 25/30fps)	
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps		
Audio			
Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)		
Interface	1/1 channel In/Out		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x		
Compatibility	ONVIF PSIA CGI		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Auxiliary Interface			
Memory Slot	Micro SD, Max 64GB		
RS485	1		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC 24V/3A (±10%)		
Power Consumption	9.5W, 21W (Heater on)		
Working Environment	-40℃ ~ 60℃ / Less than 90% RH		
Ingress Protection	IP66, IK10		
Dimensions	Φ211.9(mm)×322.1(mm)		
Weight	6.8kg		

DH-SD50(52C)220S/230S-HN NEW

2Megapixel Full HD 20x/30x Ultra-high Speed Network PTZ Dome Camera

Technical Specifications

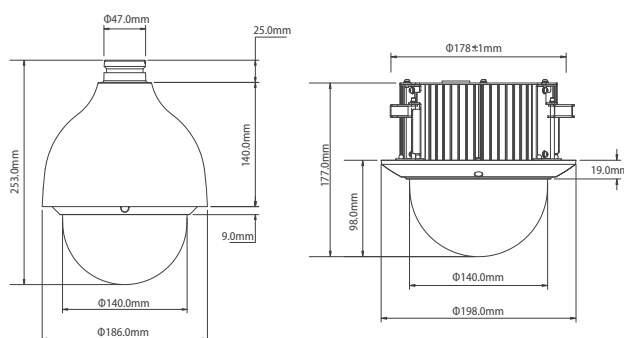
Model	DH-SD50220S-HN		DH-SD50230S-HN	
	DH-SD52C220S-HN		DH-SD52C230S-HN	
Camera				
Image Sensor	1/2.8" Exmor CMOS			
Effective Pixels	1920(H)×1080(V), 2Megapixels			
Scanning System	Progressive			
Electronic Shutter Speed	1/3 ~ 1/30,000s			
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6			
S/N Ratio	More than 55dB			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	Ultra DNR (2D/3D)			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Lens				
Focal Length	5.5mm~110mm (20x Optical zoom)		4.3mm~129mm(30x Optical zoom)	
Max Aperture	F1.6~ F3.5		F1.6~ F5.0	
Focus Control	Auto / Manual			
Angle of View	H: 51.0° ~ 2.60°		H: 65.1° ~ 2.34°	
Close Focus Distance	100mm~1000mm			
PTZ				
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, auto flip 180°			
Manual Control Speed	Pan: 0.1° ~350° /s; Tilt: 0.1° ~250° /s			
Preset Speed	Pan: 500° /s; Tilt: 500° /s			
Preset	300			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length/ speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period			
Video				
Compression	H.264 / MJPEG			
Resolution	1080P(1920×1080)/ 720P(1280×720) / D1(704×576/ 704×480) /CIF(352×288/352×240)			
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 448K ~ 8192Kbps			
Audio				
Compression	G.711a / G.711Mu(32kbps)/ PCM(128kbps)			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS,			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC24V/1.5A (±10%), POE plus(802.3at)			
Power Consumption	Outdoor: 13W, 23W (Heater on); In-ceiling: 13W			
Working Environment	Outdoor: -40°C ~ 60°C / Less than 90% RH; In-ceiling: -20°C ~ 60°C / Less than 90% RH			
Ingress Protection	IP67(Outdoor), IK10			
Dimensions	Outdoor: Φ186.0(mm)×253(mm)			
	In-ceiling: Φ198(mm)×177(mm)			
Weight	Outdoor: 2.5kg			
	In-ceiling: 2.2kg			



Features

- 20x/30x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 500°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP67(outdoor), IK10, POE+

Dimensions (mm)



Accessories



Accessories(optional)

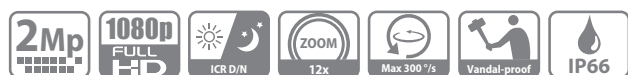


DH-SD40/42/42C212S-HN

2Megapixel Full HD 12x Mini Network PTZ Dome Camera

Technical Specifications

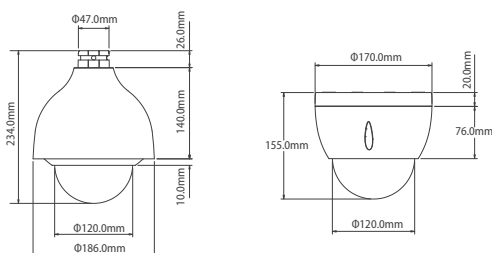
Model	DH-SD40212S-HN	DH-SD42212S-HN	DH-SD42C212S-HN
Camera			
Image Sensor	1/2.8" Exmor CMOS		
Effective Pixels	1944(H)×1092(V), 2 Megapixels		
Horizontal Resolution	>1000TVL		
Scanning System	Progressive		
Electronic Shutter Speed	1/3s ~1/30,000s		
Min. Illumination	Color: 0.05 Lux/F1.6, B/W: 0.005Lux/F1.6		
S/N Ratio	More than 55dB		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D / 3D		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	5.1 mm~61.2mm (12x Optical zoom)		
Max Aperture	F1.6~ F3.0		
Focus Control	Auto / Manual		
Angle of View	H: 51.3° ~ 4.64°		
Close Focus Distance	100mm~1000mm		
PTZ			
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°		
Manual Control Speed	Pan: 0.1° ~ 300°/s; Tilt: 0.1° ~120°/s		
Preset Speed	Pan: 300°/s; Tilt:200°/s		
Preset	80(DH-SD)		
PTZ Mode	5 Pattern, 8 Tour, 5 Auto Scan, Auto Pan		
Speed Setup	Human-oriented focal length/ speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period		
Video			
Compression	H.264 / MJPEG		
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)		
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1 ~50/60fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps		
Audio			
Compression	G.711a / G.711u (32kbps) / PCM (128kbps)		
Interface	1/1 channel In/Out		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour		
Compatibility	ONVIF PSIA CGI		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Auxiliary Interface			
Memory Slot	Micro SD, Max 64GB		
RS485	N/A		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC24V/1.5A(±10%), POE plus(802.3at)		
Power Consumption	12W, 22W(Heater on)	12W	
Working Environment	-40°C ~ 60°C /Less than 90% RH	-20°C ~ 60°C / Less than 90% RH	
Ingress Protection	IP66		N/A
Vandal Resistance	IK10		
Dimensions	Φ186mm×234mm	Φ170mm×155mm	Φ198mm×158mm
Weight	2.3kg	1.8kg	2.3kg



Features

- Powerful 12x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 300°/s pan speed, 360° continuous pan rotation
- Up to 80 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP66, POE+

Dimensions (mm)



Accessories-SD40212S-HN



Accessories(Optional)-SD40212S-HN



Accessories(Optional)-SD42212S-HN



DH-SD6C220S/230S-HN

2Megapixel Full HD 20x/30x Network IR PTZ Dome Camera

Technical Specifications

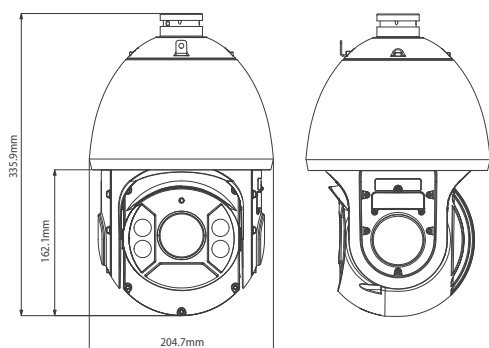
Model	DH-SD6C220S-HN		DH-SD6C230S-HN
Camera			
Image Sensor	1/2.8" Exmor CMOS		
Effective Pixels	1920(H)×1080(V)		
Scanning System	Progressive		
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6		
S/N Ratio	More than 50dB		
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	Ultra DNR (2D/3D)		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	5.5mm ~110mm(20x Optical zoom)	4.3mm~129mm(30x Optical zoom)	
Max Aperture	F1.6 ~ F3.5	F1.6 ~ F5.0	
Focus Control	Auto / Manual		
Angle of View	H: 51.0° ~ 2.60°	H: 65.1° ~ 2.34°	
Close Focus Distance	100mm~ 1000mm		
PTZ			
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°		
Manual Control Speed	Pan: 0.1° ~160° /s; Tilt: 0.1° ~120° /s		
Preset Speed	Pan: 240° /s; Tilt: 200° /s		
Preset	80(DH-SD), 255(Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan		
Speed Setup	Human-oriented focal length/ speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
IR Distance	100m (2 near IR LED+ 4 far IR LED)		
Video			
Compression	H.264 / MJPEG		
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/ 704×480) /CIF(352×288/352×240)		
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)	
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps		
Audio			
Compression	G.711a / G.711u(32Kbps)/ PCM(128Kbps)		
Interface	1/1 channel In/Out		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x		
Compatibility	ONVIF PSIA CGI		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Auxiliary Interface			
Memory Slot	Micro SD, Max 64GB		
RS485	1		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC 24V/3A (±10%)		
Power Consumption	10.5W, 26W (IR on, Heater on)		
Working Environment	-40°C ~ 60°C / Less than 90% RH		
Ingress Protection	IP66		
Dimensions	Φ204.7(mm)×359.9(mm)		
Weight	7.8kg		



Features

- 20x/30x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66
- IR Distance up to 100m

Dimensions (mm)



Accessories



Accessories(optional)



DH-SD59212S/220S/230S-HN

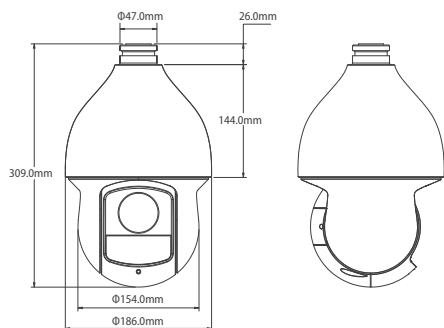
2Megapixel Full HD 12x/20x/30x Network IR PTZ Dome Camera



Features

- 12x/20x/30x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 400°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66, POE+
- IR Distance up to 100m(AC24V)/ 80m(DC12V)

Dimensions (mm)



Accessories



PFB300S PFA110 Power Supply

Accessories(optional)



PFB300C PFA112 PFA113 PFA120 PFA150 PFA151

Technical Specifications

Model	DH-SD59212S-HN		DH-SD59220S-HN	DH-SD59230S-HN
Camera				
Image Sensor	1/2.8" Exmor CMOS			
Effective Pixels	1944(H)×1092(V), 2Megapixels			
Scanning System	Progressive			
Electronic Shutter Speed	1/3 ~ 1/30,000s			
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6			
S/N Ratio	More than 55dB			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	Ultra DNR (2D/3D)			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Lens				
Focal Length	5.1mm~61.2mm (12x Optical zoom)	5.5mm ~ 110mm (20x Optical zoom)	4.3mm~129mm (30x Optical zoom)	
Max Aperture	F1.6~ F3.0	F1.6 ~ F3.5	F1.6~ F5.0	
Focus Control	Auto / Manual			
Angle of View	H: 51.3° ~ 4.64°	H: 51.0° ~ 2.60°	H: 65.1° ~ 2.34°	
Close Focus Distance	100mm~ 1000mm			
PTZ				
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°			
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s			
Preset Speed	Pan: 400° /s; Tilt: 300° /s			
Preset	300			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length/ speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period			
IR Distance	80m (DC12V), 100m (AC24V)			
Video				
Compression	H.264 / MJPEG			
Resolution	1080P(1920×1080)/ 720P(1280×720) / D1(704×576/ 704×480) /CIF(352×288/352×240)			
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)		
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps			
Audio				
Compression	G.711a / G.711Mu(32kbps)/ PCM(128kbps)			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC24V/ DC12V(optimal), POE plus(802.3at)			
Power Consumption	DC12V: 13W, 20W (IR on)			
	AC24V: 13W, 23W (IR on)			
Working Environment	DC12V: -30℃ ~ 60℃ / Less than 90% RH			
	AC24V: -40℃ ~ 70℃ / Less than 90% RH			
Ingress Protection	IP66			
Dimensions	Φ186.0(mm)×309(mm)			
Weight	3.5kg			

DH-SD32203S-HN

NEW

2Megapixel Full HD 3x Network Mini PTZ Dome Camera

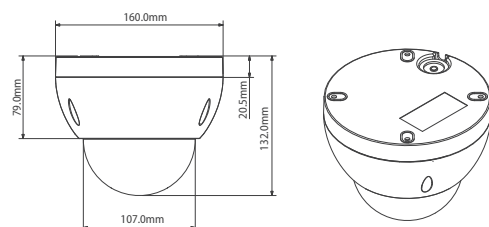
Technical Specifications



Features

- 3.0mm ~ 9.0mm(3x)optical zoom
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080p resolution
- DWDR, Day/Night(ICR), DNR (2D&3D),Auto iris, Auto focus, AWB, AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240 °/s Pan speed, 0° ~360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66, IK10, PoE

Dimensions (mm)



Accessories(optional)



Model	DH-SD32203S-HN
Camera	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1944(H) x 1092(V), 2 Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/1 - 1/30,000s
Min. Illumination	Color: 0.05 lux@F1.6, B/W: 0.005 lux@F1.6
S/N Ratio	More than 50dB
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D / 3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	3.0mm ~ 9.0mm(3x Optical zoom)
Max Aperture	F1.6 ~ F2.7
Focus Control	Auto / Manual
Angle of View	H: 98.4° ~ 29.7°
Close Focus Distance	100mm ~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360°; Tilt: 0° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 240°/s; Tilt: 0.1° ~ 160°/s
Preset Speed	Pan: 240°/s; Tilt: 160°/s
Preset	300
PTZ Mode	5 Pattern, 8 Tour, 5 Auto Scan, Auto Pan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period
Video	
Compression	H.264 / MJPEG
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream 1080P/720P(1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps
Audio	
Compression	G.711a / G.711u (32kbps) / PCM (128kbps)
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Compression	Micro SD, Max 64GB
Interface	2/1 channel In/Out
General	
Power Supply	DC12V, PoE(802.3af)
Power Consumption	8W
Working Environment	-10°C ~ 55°C / Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ160(mm)×133(mm)
Weight	1.38kg

DH-SD63120S-HN

1.3Megapixel HD 20x Network PTZ Dome Camera

Technical Specifications

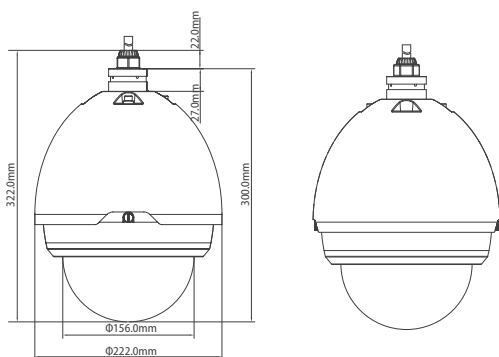
Model	DH-SD63120S-HN
Camera	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4
S/N Ratio	More than 50dB
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm(20x Optical zoom)
Max Aperture	F1.4 ~ F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1° ~ 3.2°
Close Focus Distance	100mm~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 150° /s
Preset Speed	Pan: 300° /s; Tilt: 200° /s
Preset	80(DH-SD), 255(Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD, Pelco-P/D (Auto recognition)
Video	
Compression	H.264 / MJPEG
Resolution	1.3M(1280×960) / 720P(1280×720) / D1(704×576/ 704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/ 720P (1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Audio	
Compression	G.711a / G.711u(32Kbps)/ PCM(128Kbps)
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/3A (±10%)
Power Consumption	9.5W, 21W (Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ222(mm)×322(mm)
Weight	6.8kg



Features

- 20x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1.3M(1280×960) & 720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 300°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66

Dimensions (mm)



Accessories



Accessories(optional)



DH-SD50/52C120S-HN NEW

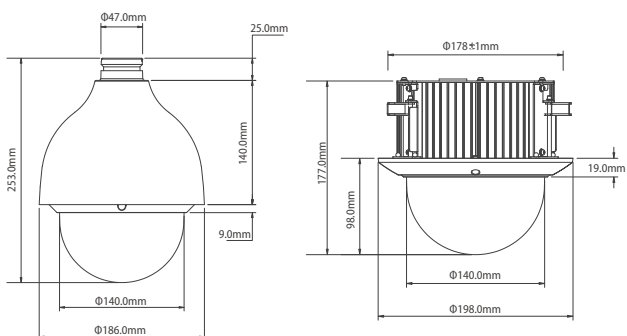
1.3Megapixel HD 20x Ultra-high Speed Network PTZ Dome Camera



Features

- 20x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1.3M(1280×960) & 720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 500°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP67(outdoor), IK10, PoE+

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD50120S-HN	DH-SD52C120S-HN
Camera		
Image Sensor	1/3" CMOS	
Effective Pixels	1280(H) x 960(V), 1.3Megapixels	
Scanning System	Progressive	
Electronic Shutter Speed	1/3 ~ 1/30,000s	
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4	
S/N Ratio	More than 55dB	
Camera Features		
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)	
White Balance	Auto, ATW, Indoor, Outdoor, Manual	
Gain Control	Auto / Manual	
Noise Reduction	Ultra DNR (2D/3D)	
Privacy Masking	Up to 24 areas	
Digital Zoom	16x	
Lens		
Focal Length	4.7mm~94mm(20x Optical zoom)	
Max Aperture	F1.4~ F2.6	
Focus Control	Auto / Manual	
Angle of View	H: 54.1° ~ 3.2°	
Close Focus Distance	100mm~ 1000mm	
PTZ		
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, auto flip 180°	
Manual Control Speed	Pan: 0.1° ~350° /s; Tilt: 0.1° ~250° /s	
Preset Speed	Pan: 500° /s; Tilt: 500° /s	
Preset	300(DH-SD)	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Speed Setup	Human-oriented focal length/ speed adaptation	
Power up Action	Auto restore to previous PTZ and lens status after power failure	
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period	
Video		
Compression	H.264 / MJPEG	
Resolution	1.3M(1280×960)/ 720P(1280×720) / D1(704×576/ 704×480) /CIF(352×288/352×240)	
Frame Rate	Main Stream	1.3M/ 720P (1 ~ 25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 448K ~ 8192Kbps	
Audio		
Compression	G.711a / G.711Mu(32kbps)/ PCM(128kbps)	
Interface	1/1 channel In/Out	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS,	
Compatibility	ONVIF PSIA CGI	
Max. User Access	20 users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Auxiliary Interface		
Memory Slot	Micro SD, Max 64GB	
Alarm	2/1 channel In/Out	
General		
Power Supply	AC24V/1.5A (±10%), POE Plus(802.3at)	
Power Consumption	13W, 23W (Heater on)	13W
Working Environment	-40℃ ~ 60℃ / Less than 90% RH	-20℃ ~ 60℃ / Less than 90% RH
Ingress Protection	IP67, IK10	IK10
Dimensions	Φ186.0(mm)×253(mm)	Φ198(mm)×177(mm)
Weight	2.5kg	2.2kg

DH-SD6C120S-HN

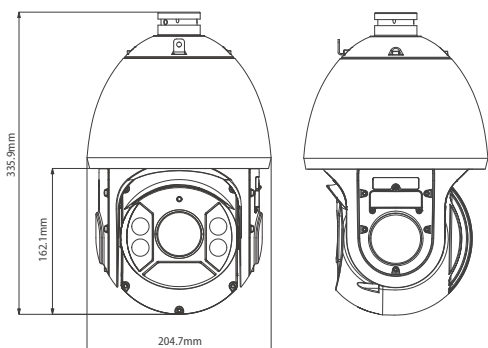
1.3Megapixel HD 20x Network IR PTZ Dome Camera



Features

- 20x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1.3M(1280×960) & 720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66
- IR Distance up to 100m

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD6C120S-HN
Camera	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4
S/N Ratio	More than 50dB
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm(20x Optical zoom)
Max Aperture	F1.4 ~ F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1° ~ 3.2°
Close Focus Distance	100mm~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 160° /s; Tilt: 0.1° ~ 120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	80(DH-SD), 255(Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD, Pelco-P/D (Auto recognition)
IR Distance	100m (2 near IR LED+ 4 far IR LED)
Video	
Compression	H.264 / MJPEG
Resolution	1.3M(1280×960) / 720P(1280×720) / D1(704×576/ 704×480) / CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/ 720P (1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Audio	
Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/3A (±10%)
Power Consumption	10.5W, 26W (IR on, Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ204.7(mm)×359.9(mm)
Weight	7.8kg

DH-SD59120S-HN

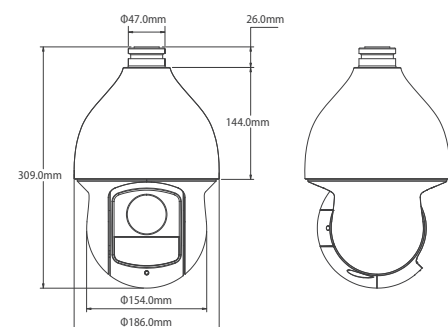
1.3Megapixel HD 20x Network IR PTZ Dome Camera



Features

- 20x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1.3M(1280×960) & 720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 400°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66
- IR Distance up to 100m(AC24V)/ 80m(DC12V)

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD59120S-HN
Camera	
Image Sensor	1/3" CMOS
Effective Pixels	1280(H)×960(V), 1.3Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/3 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4
S/N Ratio	More than 55dB
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Lens	
Focal Length	4.7mm~94mm(20x Optical zoom)
Max Aperture	F1.4~ F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1° ~ 3.2°
Close Focus Distance	100mm~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 200° /s
Preset Speed	Pan: 400° /s; Tilt: 300° /s
Preset	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
IR Distance	80m (DC12V), 100m (AC24V)
Video	
Compression	H.264 / MJPEG
Resolution	1.3M(1280×960)/ 720P(1280×720) / D1(704×576/ 704×480) /CIF(352×288/352×240)
Frame Rate	Main Stream 1.3M/ 720P (1 ~ 25/30fps)
	Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Audio	
Compression	G.711a / G.711Mu(32kbps)/ PCM(128kbps)
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
Alarm	2/1 channel In/Out
General	
Power Supply	AC24V/ DC12V(optional), POE Plus(802.3at)
Power Consumption	DC12V: 13W, 20W (IR on)
	AC24V: 13W, 23W (IR on)
Working Environment	DC12V: -30°C ~ 60°C / Less than 90% RH
	AC24V: -40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186.0(mm)×309(mm)
Weight	3.5kg

DH-SD6323C/23E/36E/70-HN

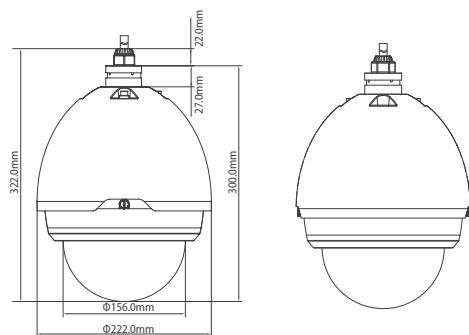
23x/36x D1 Network PTZ Dome Camera



Features

- Powerful 23x/36x optical zoom
- H.264 & MJPEG dual-stream encoding
- 25/30fps@D1(4CIF)/CIF/VGA resolution
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 300 °/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD6323C-HN		DH-SD6323E-HN		DH-SD6336E-HN		DH-SD6370-HN	
Camera								
Image Sensor	1/4"CMOS		1/4" Super HAD CCD II				1/3" EXview HAD CCD II	
Effective Pixels	640(H)×480(V)		976(H)×582(V) / 976(H)×494(V)					
Scanning System	Progressive		Interlacing					
Electronic Shutter Speed	1/50(60)s~1/100,000s		1/1s ~1/100,000s					
Min. Illumination	Color:0.5Lux / F1.6 B/W: 0.05Lux / F1.6		Color:0.01 Lux / F1.6 B/W: 0.001Lux / F1.6				Color:0.001Lux / F1.6 B/W: 0.0001Lux / F1.6	
S/N Ratio	More than 50dB							
Video Output	BNC (1.0Vp-p / 75Ω), PAL / NTSC							
Camera Features								
Day/Night	Auto (ICR) / Color / B/W							
Backlight Compensation	BLC		BLC / HLC / DWDR (Digital WDR)					
White Balance	Auto, ATW, Indoor, Outdoor, Manual							
Gain Control	Auto / Manual							
Noise Reduction	2D		2D / 3D					
Privacy Masking	N/A		Up to 24 areas					
Digital Zoom	N/A		16x					
Lens								
Focal Length	3.9mm~89.7mm (23xOptical zoom)		3.9mm~89.7mm (23xOptical zoom)		3.4mm~122.4mm (36x Optical zoom)		3.9mm~89.7mm (23xOptical zoom)	
Max Aperture	F1.6~F3.7		F1.6~F3.7		F1.6~F4.5		F1.6~F2.7	
Focus Control	Auto / Manual							
Angle of View	H: 53.5°~2.62°		H: 61.68°~3.06°		H: 57.8°~1.7°		H: 57.58°~3.12°	
Close Focus Distance	100mm~1000mm							
PTZ								
Pan/Tilt Range	Pan: 0°~360°endless; Tilt: -2°~90°, auto flip 180°							
Manual Control Speed	Pan: 0.1°~250°/s; Tilt: 0.1°~150°/s							
Preset Speed	Pan:300°/s; Tilt: 200°/s							
Preset	80(DH-SD), 255 (Pelco-P/D)							
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan							
Speed Setup	Human-oriented focal length / speed adaptation							
Power up Action	Auto restore to previous PTZ and lens status after power failure							
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period							
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time							
Protocol	DH-SD, Pelco-P/D (Auto recognition)							
Video								
Compression	H.264 / MJPEG							
Resolution	D1(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×128) / VGA(640×480)							
Frame Rate	Main Stream	1~25/30fps at all resolution						
	Sub Stream	1~25/30fps at all resolution						
Bit Rate	56K~4096Kbps							
Audio								
Compression	G.711a / G.711u (32kbps) / PCM (128kbps)							
Interface	1/1 channel In/Out							
Network								
Ethernet	RJ-45 (10/100Base-T)							
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour							
Compatibility	ONVIF PSIA CGI							
Max. User Access	20 users							
Smart Phone	iPhone, iPad, Android, Windows Phone							
Auxiliary Interface								
Memory Slot	Micro SD, Max 64GB							
RS485	1							
Alarm	2/1channel In/Out							
General								
Power Supply	AC24V / 3A(±10%), DC12V optional							
Power Consumption	13W, 25W (Heater on)							
Working Environment	-40℃~60℃ / Less than 90% RH							
Ingress Protection	IP66							
Vandal Resistance	IK10							
Dimensions	Φ222mm×322mm							
Weight	5.0kg							

DH-SD6423C/23E/36E/70-HN

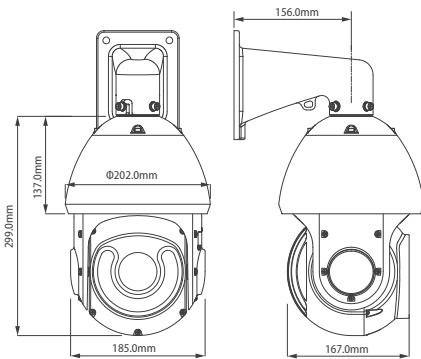
23x/36x D1 Network IR PTZ Dome Camera



Features

- Powerful 23x/36x optical zoom
- H.264 & MJPEG dual-stream encoding and JPEG image capture
- 25/30fps@D1(4CIF)/CIF/VGA resolution
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66, IR Distance up to 100m

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD6423C-HN	DH-SD6423E-HN	DH-SD6436E-HN	DH-SD6470-HN
Camera				
Image Sensor	1/4"CMOS	1/4" Super HAD CCD II		
Effective Pixels	640(H)×480(V)	976(H)×582(V) / 976(H)×494(V)		
Scanning System	Progressive	Interlacing		
Electronic Shutter Speed	1/50(60)s~1/100,000s		1/1s ~1/100,000s	
Min. Illumination	Color:0.5Lux / F1.6 B/W: 0.05Lux / F1.6	Color:0.01 Lux / F1.6 B/W: 0.001Lux / F1.6	Color:0.001Lux/F1.6 B/W: 0.0001Lux/F1.6	
S/N Ratio	More than 50dB			
Video Output	BNC (1.0Vp-p/75Ω), PAL / NTSC			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	2D	2D / 3D		
Privacy Masking	N.A.	Up to 24 areas		
Digital Zoom	N.A.	16x		
Lens				
Focal Length	3.9mm~89.7mm (23xOptical zoom)	3.9mm~89.7mm (23xOptical zoom)	3.4mm~122.4mm (36x Optical zoom)	3.9mm~89.7mm (23xOptical zoom)
Max Aperture	F1.6~ F3.7	F1.6~F3.7	F1.6~F4.5	F1.6~F2.7
Focus Control	Auto / Manual			
Angle of View	H: 53.5°~2.62°	H: 61.68°~3.06°	H: 57.8°~1.7°	H: 57.58°~3.12°
Close Focus Distance	100mm~1000mm			
PTZ				
Pan/Tilt Range	Pan: 0°~360° endless; Tilt: -15°~90°, auto flip 180°			
Manual Control Speed	Pan: 0.1°~160°/s; Tilt: 0.1°~120°/s			
Preset Speed	Pan: 240°/s; Tilt:200°/s			
Preset	80 (DH-SD) , 255 (Pelco-P/D)			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length / speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period			
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time			
Protocol	DH-SD, Pelco-P/D (Auto recognition)			
IR Distance	80m (2 near IR LED+4 far IR LED)			
Video				
Compression	H.264 / MJPEG			
Resolution	D1(704×576/704×480)/CIF(352×288/352×240) / QCIF(176×144/176×128) / VGA(640×480)			
Frame Rate	Main Stream	1~25/30fps at all resolution		
	Sub Stream	1~25/30fps at all resolution		
Bit Rate	56K~4096Kbps			
Audio				
Compression	G.711a / G.711u (32kbps) / PCM (128kbps)			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
RS485	1			
Alarm	2/1channel In/Out			
General				
Power Supply	AC24V / 3A (±10%), DC12V optional			
Power Consumption	13W, 25W (IR on, Heater on)			
Working Environment	-40℃~60℃ / Less than 90% RH			
Ingress Protection	IP66			
Dimensions	Φ202mm×299mm			
Weight	5.0kg			

DH-SDZ1020S/2020S/2030S-N

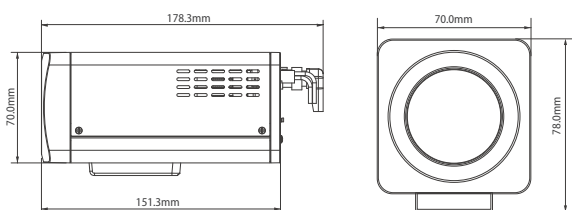
1.3Mp/2Mp 20x/30x Network Zoom Camera



Features

- 1.3M/2M CMOS brings excellent image quality and high sensitivity
- 20x/30x optical zoom lens realizes instant AF & quick zoom
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080p resolution(2020S/2030S)
- DWDR, Day/Night(ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 2/1 alarm in/out
- Micro SD memory
- Wide-range temperature application: -40°C ~ +70°C

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-SDZ1020S-N	DH-SDZ2020S-N	DH-SDZ2030S-N
Camera			
Image Sensor	1/3" Exmor CMOS	1/2.8" Exmor CMOS	
Effective Pixels	1280(H)×960(V), 1.3 Megapixels	1944(H) x 1092(V), 2 Megapixels	
Scanning System	Progressive		
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.05Lux/F1.4 B/W: 0.005 Lux/F1.4	Color: 0.05Lux/F1.6 B/W: 0.005 Lux/F1.6	
S/N Ratio	More than 50dB		
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D / 3D		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	4.7mm~94.0mm (20x Optical zoom)	5.5mm~110mm (20x Optical zoom)	4.3mm~129mm (30x Optical zoom)
Max Aperture	F1.4 ~ F2.6	F1.6 ~ F3.5	F1.6 ~ F5
Focus Control	Auto/ Manual		
Angle of View	H: 54.1° ~ 3.2°	H: 55.4° ~ 2.80°	H: 65.1° ~ 2.34°
Close Focus Distance	100mm~ 1000mm		
Video			
Compression	H.264 / MJPEG		
Resolution	1.3M(1280×960)/ 720P(1280×720) / D1(704×576/704×480)/ CIF(352×288/352×240)	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)	
Frame Rate	Main Stream Sub Stream	1.3M/720P(1 ~25/30fps) D1/CIF(1 ~ 25/30fps)	
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps		
Audio			
Compression	G.711a / G.711u(32kbps) / PCM(128kbps)		
Interface	1/1 channel In/Out		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour		
Compatibility	ONVIF PSIA CGI		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Auxiliary Interface			
RS232	1 port		
RS485	1 port		
Memory Slot	Micro SD, Max 64GB		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC24V/ DC12V optional, POE		
Power Consumption	< 10W		
Working Environment	-40℃ ~ +70℃ / < 90%RH		
Dimensions(W×D×H)	160mm×70mm×70mm		
Weight	1.0kg		

DH-SDZH1020S/2020S/2030S-N

1.3Mp/2Mp Full HD Network Zoom Camera

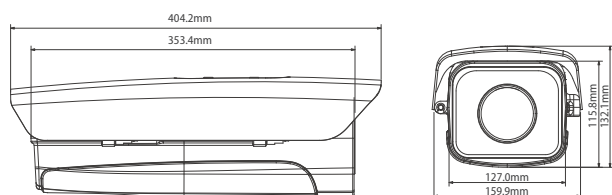
Technical Specifications



Features

- 1.3M/2M CMOS brings excellent image quality and high sensitivity
- 20x /30x optical zoom lens realizes instant AF & quick zoom
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080p resolution (SDZH2020S/SDZH2030S)
Max 25/30fps@1.3M resolution (SDZH1020S)
- DWDR, Day/Night(ICR), DNR (2D&3D),
Auto iris, Auto focus, AWB, AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 2/1 alarm in/out
- Micro SD memory, IP66
- Wide-range temperature application: -40°C ~ +70°C

Dimensions (mm)



Accessories (optional)

For AC24V Model



AC24V/3A PFB600W PFB601W PFB604W

For DC12V Model



DC12V/5A PFB600W PFB601W PFB604W

Model	DH-SDZH1020S-N		DH-SDZH2020S-N	DH-SDZH2030S-N
Camera				
Image Sensor	1/3" Exmor CMOS		1/2.8" Exmor CMOS	
Effective Pixels	1280(H)×960(V), 1.3 Megapixels		1944(H)×1092(V), 2 Megapixels	
Scanning System	Progressive			
Electronic Shutter Speed	1/1 ~ 1/30,000s			
Min. Illumination	Color: 0.05Lux/F1.4 B/W: 0.005 Lux/F1.4		Color: 0.05Lux/F1.6 B/W: 0.005 Lux/F1.6	
S/N Ratio	More than 50dB			
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	2D / 3D			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Lens				
Focal Length	4.7mm ~ 94.0mm (20x Optical zoom)		5.5mm~110mm (20x Optical zoom)	4.3mm~129mm (30x Optical zoom)
Max Aperture	F1.4 ~ F2.6		F1.6 ~ F3.5	F1.6 ~ F5
Focus Control	Auto/ Manual			
Angle of View	H: 54.1° ~ 3.2°		H: 51.0° ~ 2.60°	H: 65.1° ~ 2.34°
Close Focus Distance	100mm~ 1000mm			
Video				
Compression	H.264 / MJPEG			
Resolution	1.3M(1280×960)/ 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)		1080P(1920×1080) /720P(1280×720) / D1(704×576/704×480) /CIF(352×288/352×240)	
	Frame Rate	Main Stream 1.3M/720P(1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)	1080P/720P(1 ~ 25/30fps)	
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps			
Audio				
Compression	G.711a / G.711u(32kbps) / PCM(128kbps)			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Auxiliary Interface				
RS232	N/A			
RS485	1 port			
Memory Slot	Micro SD, Max 64GB			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC24V/ DC12V optional			
Power Consumption	< 35W			
Working Environment	-40℃ ~ +70℃ / < 90%RH			
Ingress Protection	IP66			
Dimensions(W×D×H)	404mm×164mm×132mm			
Weight	3.5kg			

DH-SDZW1020S/2020S/2030S-N

1.3Mp/2Mp Full HD Network IR Zoom Camera

Technical Specifications

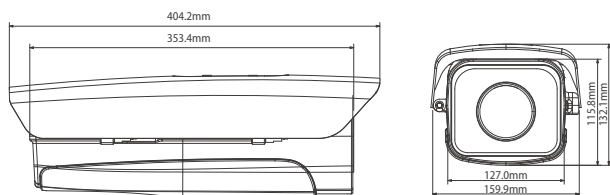
Model	DH-SDZW1020S-N		DH-SDZW2020S-N	DH-SDZW2030S-N
Camera				
Image Sensor	1/3" CMOS		1/2.8" CMOS	
Effective Pixels	1280(H)×960(V), 1.3 Megapixels		1944(H)×1092(V), 2 Megapixels	
Scanning System	Progressive			
Electronic Shutter Speed	1/1 ~ 1/30,000s			
Min. Illumination	Color: 0.05Lux/F1.4 B/W: 0.005 Lux/F1.4		Color: 0.05Lux/F1.6 B/W: 0.005 Lux/F1.6	
S/N Ratio	More than 50dB			
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	2D / 3D			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Lens				
Focal Length	4.7mm ~ 94.0mm (20x Optical zoom)		5.5mm~110mm (20x Optical zoom)	4.3mm~129mm (30x Optical zoom)
Max Aperture	F1.4 ~ F2.6		F1.6 ~ F3.5	F1.6 ~ F5
Focus Control	Auto/ Manual			
Angle of View	H: 54.1° ~ 3.2°		H: 51.0° ~ 2.60°	H: 65.1° ~ 2.34°
Close Focus Distance	100mm~ 1000mm			
Video				
Compression	H.264 / MJPEG			
Resolution	1.3M(1280×960)/ 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)		1080P(1920×1080) /720P(1280×720) / D1(704×576/704×480) /CIF(352×288/352×240)	
Frame Rate	Main Stream	1.3M/720P(1 ~ 25/30fps)	1080P/720P(1 ~ 25/30fps)	
	Sub Stream	D1/CIF(1 ~ 25/30fps)		
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps			
Audio				
Compression	G.711a / G.711u(32kbps) / PCM(128kbps)			
Interface	1/1 channel In/Out			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
IR Distance	100m			
Auxiliary Interface				
RS485	1 port			
Memory Slot	Micro SD, Max 64GB			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC24V/ DC12V optional			
Power Consumption	<50W			
Working Environment	-40℃ ~ +70℃ / < 90%RH			
Ingress Protection	IP66			
Dimensions(W×D×H)	404mm×164mm×132mm			
Weight	4kg			



Features

- 1.3Mp/2Mp CMOS brings excellent image quality and high sensitivity
- 20x /30x optical zoom lens realizes instant AF & quick zoom
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080p resolution (2020S/2030S)
Max 25/30fps@1.3M resolution (1020S)
- DWDR, Day/Night(ICR), DNR (2D&3D),
Auto iris, Auto focus, AWB, AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 2/1 alarm in/out
- Micro SD memory, IP66
- IR Distance up to 100m
- Wide-range temperature application: -40°C ~ +70°C

Dimensions (mm)



Accessories (optional)

For AC24V Model



For DC12V Model



DH-PTZ1182A/82C-N

2Megapixel Full HD Network High-Speed Positioning System

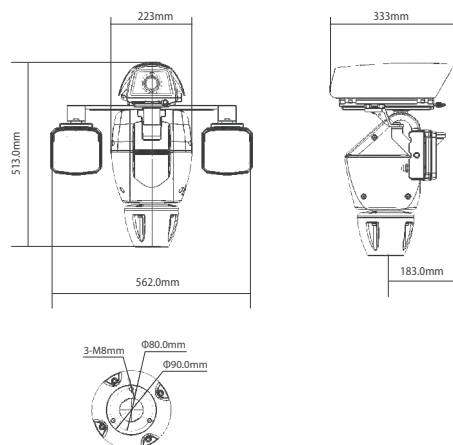
Technical Specifications



Features

- Powerful 20x/30x optical zoom
- Pan range: 360° endless, speed up to 100°/s
- Up to 255 Presets, 8 Tour, 5 Pattern, 5Auto scan
- Support intelligent 3D positioning
- IR Distance up to 100m (PTZ1182A/82C-IRA-N), IP66
- IR Distance up to 200m (PTZ1182A/82C-IRB-N), IP66
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

Dimensions (mm)



Model	DH-PTZ1182A(-IRA/IRB)-N		DH-PTZ1182C(-IRA/IRB)-N	
Camera				
Camera Model	DH-SDZ2020B-N		DH-SDZ2030EB-N	
Image Sensor	1/3"Exmor CMOS			
Effective Pixels	1920(H)×1080(V), 2 Megapixels			
Scanning System	Progressive			
Electronic Shutter Speed	1/1 ~ 1/10,000s			
Min. Illumination	Color: 0.05Lux@F1.6, B/W: 0.005Lux@F1.6			
S/N Ratio	More than 50dB			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR(Digital WDR)			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	2D / 3D			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC			
Lens				
Focal Length	4.7mm~94mm(20x Optical zoom)		4.30mm~129mm(30x Optical zoom)	
Max Aperture	F1.6~F3.5		F1.6~F5.0	
Focus Control	Auto / Manual			
Angle of View	H: 58.2°~2.9°		H: 65.1°~2.34°	
Close Focus Distance	100mm~1000mm			
Video				
Compression	H.264 / MJPEG			
Resolution	1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)			
Frame Rate	Main Stream	25/30fps@1080P/720P		
	Sub Stream	25/30fps@D1/CIF		
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour			
Compatibility	ONVIF PSIA CGI			
Max. User Access	20 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Pan/Tilt System				
Pan Range	360° endless			
Pan Speed	0.1°~100°/sec; 0.1°~75°/sec (-IRA/ IRB)			
Tilt Range	-90°~40°			
Tilt Speed	0.1°~40°/sec			
Positioning Accuracy	±0.02°			
Preset	255			
Tour	8			
Pattern	5			
Auto Scan	5			
Idle Motion	Support			
3D Positioning	Support			
Preset Auto-Calibration	Support			
Remote P/T/Z Reset	Support			
Wiper	Built-in			
LED Infrared Light				
IR Distance	100m(-IRA); 200m (-IRB)			
IR Wave Length	800~900nm (-IRA/ IRB)			
IR Emission Angle	≤30° (-IRA/ IRB)			
Auxiliary Interface				
Memory Slot	Micro SD, Max 64GB			
RS485	Duplex			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC 24V/5A			
Power Consumption	≤100W			
Working Environment	-40℃~60℃ / Less than 90% RH			
Protection	IP66, All-metal aluminum alloy, 6000V anti-lightning surge			
Weight	18.3Kg; 21Kg (-IRA/IRB)			

DH-PTZ12230/12240-IRB-N NEW

2Megapixel Full Full HD 30x/40x Network IR High-Speed Positioning System

Technical Specifications

Model	DH-PTZ12230-IRB-N		DH-PTZ12240-IRB-N
Camera			
Image Sensor	1/2.8" Exmor CMOS		
Effective Pixels	1944(H) x 1092(V), 2 Megapixels		
Scanning System	Progressive		
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.05Lux@F1.6, B/W: 0.005Lux@F1.6, 0Lux (IR on)		
S/N Ratio	More than 55dB		
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	Ultra DNR (2D/3D)		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Defog	On / Off		
ROI	Support		
Wiper	Support		
Lens			
Focal Length	4.3mm ~ 129mm (30x Optical zoom)	7.9mm ~ 316mm (40x Optical zoom)	
Max Aperture	F1.6 ~ F5.0	F1.6 ~ F6.1	
Focus Control	Auto / Manual		
Angle of View	H: 65.1° ~ 2.34°		H: 41.5° ~ 1.1°
Close Focus Distance	100mm ~ 1000mm		
PTZ			
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -90° ~ 45°		
Manual Control Speed	Pan: 0.1° ~160° /s; Tilt: 0.1° ~60° /s		
Preset Speed	Pan: 0.1° ~160° /s; Tilt: 0.1° ~60° /s		
Preset	300(DH-SD), 255(Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan		
Positioning Accuracy	±0.1°		
Speed Setup	Human-oriented focal length/ speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period		
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
IR Distance	200m		
Video			
Compression	H.264 / MJPEG		
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)		
Frame Rate	Main Stream	1080P (1 ~ 25/30fps) / 720P(1~50/60fps)	
	Sub Stream 1	D1/CIF(1 ~ 25/30fps)	
	Sub Stream 2	720P/D1/CIF(1 ~ 25/30fps)	
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps		
Audio			
Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)		
Interface	1/1 channel In/Out		
Intelligent Function	Intelligent Function		
Auto Tracking	Single-scene, multiple-scene, panorama-scene		
IVS	Tripwire, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc.		
Tracking Trigger Mode	Manual / Auto (alarm triggered)		
Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x		
Compatibility	ONVIF PSIA CGI		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Auxiliary Interface			
Memory Slot	Micro SD, Max 64GB		
RS485	1 port		
Alarm	7/2 channel In/Out		
General			
Power Supply	AC 24V/5A		
Power Consumption	≤100W		
Working Environment	-40°C ~ 70°C / Less than 90% RH		
Ingress Protection	IP66, All-metal aluminum alloy, 6000V anti-lightning surge		
Dimensions	391mm×203mm×472mm		
Weight	10kg		



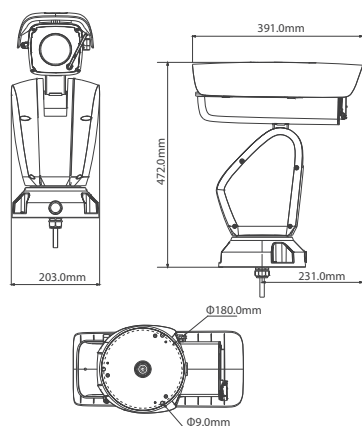
ONVIF



Features

- Powerful 30x/40x optical zoom
- H.264 & MJPEG Three-stream encoding
- Max 60fps@720P and 30fps@1080P resolution
- Defog, Wiper, DWDR, Ultra DNR, Ultra low bitrate, EIS, ROI, Day/Night(ICR), Auto iris, Auto focus
- Support Auto tracking and IVS
- Pan range: 360° endless, speed up to 160°/s
- Up to 300 Presets, 8 Tour, 5 Pattern, 5 Auto scan
- Support intelligent 3D positioning
- IR Distance up to 200m, IP66
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

Dimensions (mm)





NVR



DH-NVR724-256/724D-256/724R-256/724DR-256

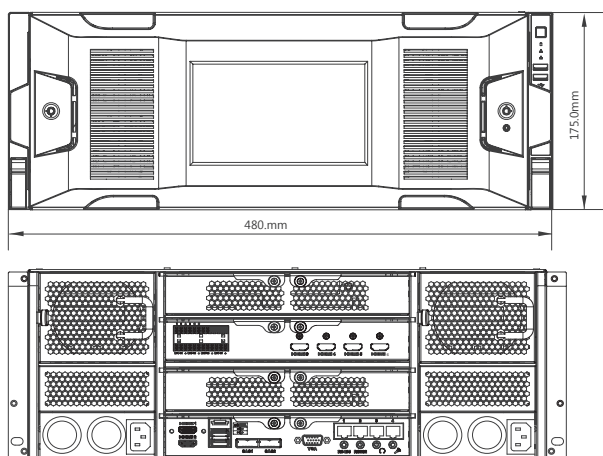
256 Channel Super Network Video Recorder



Features

- Max 256 channel IP cameras connection
- Max 512Mbps incoming bandwidth
- Up to 128ch@1080P, 256ch@720P realtime recording
- 2 HDMI/1 HDMI +1 VGA(Optional: 6 HDMI sync output/ 1 VGA+5 HDMI sync output)
- Support 24 hot-swap HDDs
- Support RAID 0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI & Mini SAS to expand storage space
- Human-oriented Dahua UI
- Compatible with Dahua SDK and seamless integrated to other platforms
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Redundant power supply module adopted (DH-NVR724R-256 & DH-NVR724DR-256)
- Front LCD display (DH-NVR724D-256&DH-NVR724DR-256)

Dimensions(mm)



Technical Specifications

Model	DH-NVR724-256	DH-NVR724D-256	DH-NVR724R-256	DH-NVR724DR-256
System				
Main Processor	Intel® Core™ i7 Processors			
Operating System	LINUX			
Motherboard	Embedded Board (Support 7x24 operation)			
Memory	8GB DDR3(up to 16GB)			
Case	Hot-dipped galvanized sheet steel(1.2mm thickened), High-precise aluminum alloy slide, Patented pull-out rack design			
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation			
Interface	Local GUI & WEB GUI			
Video & Audio				
Input	128ch@1080P/256ch@720P			
Transmission	128ch@1080P/256ch@720P			
Recording	128ch@1080P/256ch@720P			
Preview	20ch@1080P/40ch@720P/68ch@D1(Screen 1~2 , default) +16ch@1080P/16ch@720P/16ch@D1(Screen 3~6) (Optional)			
Playback	16ch@1080P/16ch@720P/16ch@D1 (128Mbps in Raid 5 mode) 8ch@1080P/16ch@720P/16ch@D1 (64Mbps in single HDD mode)			
Recording Resolution	8Mp, 5Mp, 3Mp, 1080P, 720P, 960H, D1, CIF, QCIF, VGA			
Audio	1ch Micin, 1ch Mic out			
Recording				
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop			
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm			
Backup Mode	Network download / USB HDD/USB CD&DVD-RW / eSATA Device			
Display				
Interface	2 HDMI+1 VGA (Optional : 6 HDMI , 1 VGA)			
Video Output	2 HDMI/1 HDMI+1 VGA (Optional: 6 HDMI sync output / 1 VGA+5 HDMI sync output)			
Multi-screen Display	The 1 st screen: 1/4/8/9/16/25/36/64 The 2 nd ~6 th screens: 4 (optional)			
Privacy Masking	4 customized zones for privacy masking for each area			
Storage				
Internal HDD	Raid0/1/5/6/10/50/60			
HDD Mode	Single, Raid 0, Raid 1, Raid 5 (Support global HDD Hot-standby)			
HDD Installation	Independent HDD rack, support hot swap			
Network				
Interface	4 RJ-45 ports(10/100/1000Mbps)			
Ethernet Port	4 Ethernet ports joint working or 4 independent 1000Mbps Ethernet ports			
MD & Alarm				
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)			
Alarm Input	4ch, low level effective, green terminal interface			
Relay Output	4ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface			
Auxiliary Interface				
Front cover	Support hot swap, 7" inch HD LCD (1920×1080/1280×1024/1024×768) (Model -D&-DR)			
USB	4 USB ports (2 on the front-panel, 2 on the rear panel), 2 USB3.0, 2 USB2.0			
eSATA	1 eSATA port			
SAS	2 Mini SAS ports			
General				
Power Supply	AC 100V~240V, 47~63Hz		AC 100V~240V, 47~63Hz, Redundant	
Power Consumption	200W~400W(WithHDD)			
Working Environment	0℃~40℃			
Working Humidity	10%~80% (non-condensation)			
Dimension (W×D×H)	4U, 480mm×494mm×175mm			
Weight	29kg (without HDD)			
Installation	Rack-mounted			

DH-NVR616/616D/616R/616DR-128-4K

NEW

128 Channel Super Network Video Recorder



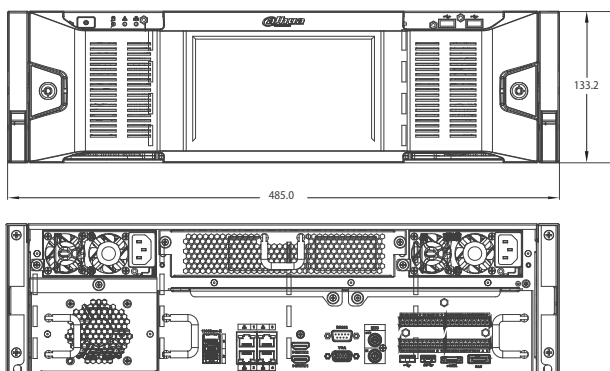
ONVIF



Features

- Max 128channel IP cameras connection
- Max 384Mbps incoming bandwidth
- Up to 8Mp resolution preview& playback
- 1 VGA+2 HDMI
- Support 16 hot-swap HDDs
- Support RAID 0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI & Mini SAS to expand storage space
- Compatible with Dahua SDK and seamless integrated to other platforms
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Redundant power supply module adopted (DH-NVR616R-128 & DH-NVR616DR-128)
- Front LCD display (DH-NVR616D-128 & DH-NVR616DR-128)

Dimensions(mm)



* Takes NVR616DR-128-4K as an example

Technical Specifications

Model	DH-NVR616-128-4K	DH-NVR616D-128-4K	DH-NVR616R-128-4K	DH-NVR616DR-128-4K
System				
Main Processor	Intel Processors			
Operating System	Linux			
Motherboard	Embedded Board (Support 7x24 operation)			
Memory	4GB DDR3			
Case	Hot-dipped galvanized sheet steel(1.2mm thickened), High-precise aluminum alloy slide, Patented pull-out rack design			
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation			
Interface	Local GUI &WEB GUI			
Video & Audio				
Input	128ch@1080P/720P/D1			
Transmission	128ch@1080P/720P/D1			
Recording	128ch@1080P/720P/D1			
Preview	8ch@1080P/16ch@720P/32ch@D1			
Playback	128Mbps in Raid 5 mode			
	64Mbps in single HDD mode			
Recording Resolution	8Mp, 6Mp, 5Mp, 3Mp, 1080P, 720P, 960H, D1, CIF, QCIF, VGA			
Audio	1ch in/1ch out, RCA			
Recording				
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop			
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm, Video analysis			
Backup Mode	Network download / USB HDD/USB CD&DVD-RW / eSATA Device			
Display				
Interface	2 HDMI+1 VGA			
Video Output	HDMI 1+ HDMI 2+VGA			
Multi-screen Display	The 1 st screen: 1/4/8/9/16/25/36			
	The 2 nd screen: 1/4/8/9/16			
Privacy Masking	4 customized zones for privacy masking for each area			
Storage				
Hard Disk	16 SATA III ports, up to 64TB			
HDD Mode	Single, Raid 0/1/5/6/10/50/60 (Support global HDD hot-spare)			
HDD Installation	Independent HDD rack, support hot swap			
Network				
Interface	4 RJ-45 ports (10/100/1000Mbps)			
Ethernet Port	4 Ethernet ports joint working or 4 independent 1000Mbps Ethernet ports			
Optical Fiber Interface	2 Giga Optical fiber interface			
MD & Alarm				
Motion Detection	Zones: 396(22×18), Sensitivity: 1~100 (level 100 is the highest)			
Alarm Input	16ch, low level effective, green terminal interface			
Relay Output	8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface			
Auxiliary Interface				
Front cover	Support hot swap, 7" inch HD LCD (1920x1080/1280x1024/1024x768) (Model -D&DR)			
USB	4 USB ports(3 USB2.0, 1 USB3.0)			
eSATA	1 eSATA port			
SAS	1 Mini SAS port			
RS232	1 port, For PC communication& keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC100V~240V, 50~60Hz		AC100V~240V, 50~60Hz , Redundant	
Power Consumption	<40W (Without HDD)			
Working Environment	-10℃~55℃			
Working Humidity	10%~90% (non-condensation)			
Dimension (W×D×H)	3U, 485mm(with ears)×531.9mm×133.2mm			
Weight	17.45kg (without HDD)			
Installation	Rack-mounted			

DH-NVR616/616D/616R/616DR-64-4K

NEW

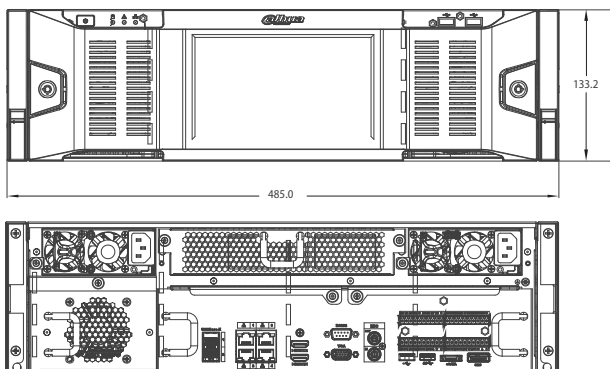
64 Channel Super Network Video Recorder



Features

- Max 64 channel IP cameras connection
- Max 384Mbps incoming bandwidth
- Up to 8Mp resolution preview& playback
- 1 VGA+2 HDMI
- Support 16 hot-swap HDDs
- Support RAID 0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI & Mini SAS to expand storage space
- Compatible with Dahua SDK and seamless integrated to other platforms
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Redundant power supply module adopted (DH-NVR616R-64-4K&DH-NVR616DR-64-4K)
- Front LCD display (DH-NVR616D-64-4K& DH-NVR616DR-64-4K)

Dimensions(mm)



* Takes NVR616DR-64-4K as an example

Technical Specifications

Model	DH-NVR616-64-4K	DH-NVR616D-64-4K	DH-NVR616R-64-4K	DH-NVR616DR-64-4K
System				
Main Processor	Intel Processors			
Operating System	LINUX			
Motherboard	Embedded Board (Support 7x24 operation)			
Memory	4GB DDR3			
Case	Hot-dipped galvanized sheet steel(1.2mm thickened), High-precise aluminum alloy slide, Patented pull-out rack design			
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation			
Interface	Local GUI &WEB GUI			
Video & Audio				
Input	64ch@1080P/720P/D1			
Transmission	64ch@1080P/720P/D1			
Recording	64ch@1080P/720P/D1			
Preview	8ch@1080P/16ch@720P/32ch@D1			
Playback	128Mbps in Raid 5 mode			
	64Mbps in single HDD mode			
Recording Resolution	8Mp, 6Mp, 5Mp, 3Mp, 1080P, 720P, 960H, D1, CIF, QCIF, VGA			
Audio	1ch in/1ch out, RCA			
Recording				
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop			
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm, Video analysis			
Backup Mode	Network download/USB HDD/USB CD&DVD-RW/eSATA Device			
Display				
Interface	2 HDMI+1 VGA			
Video Output	HDMI 1+ HDMI 2+VGA			
Multi-screen Display	The 1 st screen: 1/4/8/9/16/25/36			
	The 2 nd screen: 1/4/8/9/16			
Privacy Masking	4 customized zones for privacy masking for each area			
Storage				
Hard Disk	16 SATA III ports, up to 64TB			
HDD Mode	Single, Raid 0/1/5/6/10/50/60 (Support global HDD hot-spare)			
HDD Installation	Independent HDD rack, support hot swap			
Network				
Interface	4 RJ-45 ports (10/100/1000Mbps)			
Ethernet Port	4 Ethernet ports joint working or 4 independent 1000Mbps Ethernet ports			
Optical Fiber Interface	2 Giga Optical fiber interface			
MD & Alarm				
Motion Detection	Zones: 396(22×18), Sensitivity: 1~100 (level 100 is the highest)			
Alarm Input	16ch, low level effective, green terminal interface			
Relay Output	8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface			
Auxiliary Interface				
Front cover	Support hot swap, 7" inch HD LCD (1920x1080/1280x1024/1024x768) (Model –D&DR)			
USB	4 USB ports(3 USB2.0, 1 USB3.0)			
eSATA	1 eSATA port			
SAS	1 Mini SAS port			
RS232	1 port, For PC communication& keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC100V~240V, 50~60Hz		AC100V~240V,50~60Hz, Redundantnrt	
Power Consumption	<40W (Without HDD)			
Working Environment	-10℃~55℃			
Working Humidity	10%~90% (non-condensation)			
Dimension (W×D×H)	3U, 485mm(with ears)×531.9mm×133.2mm			
Weight	17.45kg (without HDD)			
Installation	Rack-mounted			

Network Camera

PTZ Dome Camera

NVR

Analog Camera

Analog PTZ Camera

DVR

Vehicle Products

Video Wall

NVS

Others

DH-NVR608/608R-128-4K NEW

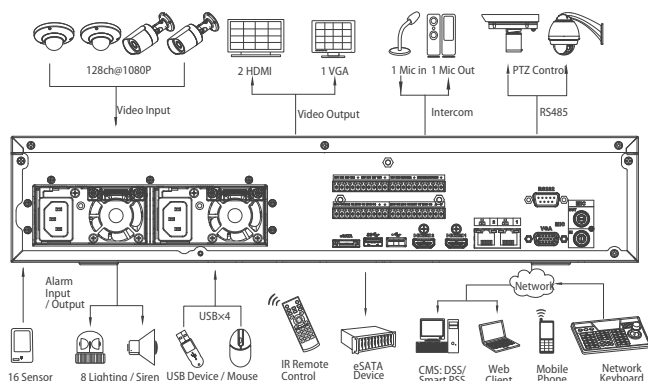
128 Channel Super Network Video Recorder



Features

- Max 128channel IP cameras connection
- Max 384Mbps incoming bandwidth
- Up to 8Mp resolution preview& playback
- 1 VGA+2 HDMI
- Support RAID 0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI to expand storage space
- Compatible with Dahua SDK and seamless integrated to other platforms
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Redundant power supply module adopted (DH-NVR608R-128-4K)

System Connection



Technical Specifications

Model	DH-NVR608-128-4K		DH-NVR608R-128-4K	
System				
Main Processor	Intel Processors			
Operating System	LINUX			
Motherboard	Embedded Board (Support 7x24 operation)			
Memory	4GB DDR3			
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation			
Interface	Local GUI &WEB GUI			
Video & Audio				
Input	128ch@1080P/720P/D1			
Transmission	128ch@1080P/720P/D1			
Recording	128ch@1080P/720P/D1			
Preview	8ch@1080P/16ch@720P/32ch@D1			
Playback	128Mbps in Raid 5 mode			
	64Mbps in single HDD mode			
Recording Resolution	8Mp, 6Mp, 5Mp, 3Mp, 1080P, 720P, 960H, D1, CIF, QCIF, VGA			
Audio	1ch in/1ch out, RCA			
Recording				
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop			
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm, Video analysis			
Backup Mode	Network download/USB HDD/USB CD&DVD-RW/eSATA Device			
Display				
Interface	2 HDMI+1 VGA			
Video Output	HDMI 1+ HDMI 2+VGA			
Multi-screen Display	The 1 st screen: 1/4/8/9/16/25/36			
	The 2 nd screen: 1/4/8/9/16			
Privacy Masking	4 customized zones for privacy masking for each area			
Storage				
Hard Disk	8 SATA III ports, up to 48TB			
HDD Mode	Single, Raid 0/1/5/6/10/50/60 (Support global HDD hot-spare)			
HDD Installation	Independent HDD rack			
Network				
Interface	2 RJ-45 ports (10/100/1000Mbps)			
Ethernet Port	2 Ethernet ports joint working or 2 independent 1000Mbps Ethernet ports			
MD & Alarm				
Motion Detection	Zones: 396(22×18), Sensitivity: 1~100 (level 100 is the highest)			
Alarm Input	16ch, low level effective, green terminal interface			
Relay Output	8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface			
Auxiliary Interface				
USB	4 USB ports(3 USB2.0, 1 USB3.0)			
eSATA	1 eSATA port			
RS232	1 port, For PC communication& keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC110V~240V, 50~60Hz		AC100V~240V, 50~60Hz, Redundant	
Power Consumption	<40W (Without HDD)			
Working Environment	-10℃~55℃			
Working Humidity	10%~90% (non-condensation)			
Dimension (W×D×H)	486mm(with ears)×454.9mm ×91mm		486mm(with ears)×471.8mm ×91mm	
Weight	9kg (without HDD)			
Installation	19" Rack-mounted			

* Takes NVR608R-128-4K as an example

DH-NVR608/608R-64-4K

NEW

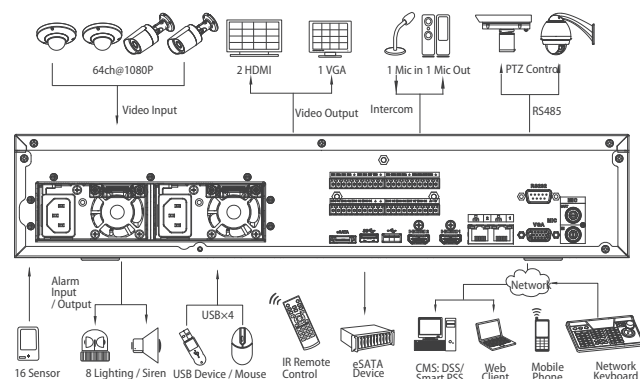
64 Channel Super Network Video Recorder



Features

- Max 64channel IP cameras connection
- Max 384Mbps incoming bandwidth
- Up to 8Mp resolution preview& playback
- 1 VGA+2 HDMI
- Support RAID 0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI to expand storage space
- Compatible with Dahua SDK and seamless integrated to other platforms
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Redundant power supply module adopted (DH-NVR608R-64-4K)

System Connection



Technical Specifications

Model	DH-NVR608-64-4K		DH-NVR608R-64-4K	
System				
Main Processor	Intel Processors			
Operating System	LINUX			
Motherboard	Embedded Board (Support 7x24 operation)			
Memory	4GB DDR3			
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation			
Interface	Local GUI &WEB GUI			
Video & Audio				
Input	64ch@1080P/720P/D1			
Transmission	64ch@1080P/720P/D1			
Recording	64ch@1080P/720P/D1			
Preview	8ch@1080P/16ch@720P/32ch@D1			
Playback	128Mbps in Raid 5 mode			
	64Mbps in single HDD mode			
Recording Resolution	8Mp, 6Mp, 5Mp, 3Mp, 1080P, 720P, 960H, D1, CIF, QCIF, VGA			
Audio	1ch in/1ch out, RCA			
Recording				
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop			
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm, Video analysis			
Backup Mode	Network download/USB HDD/USB CD&DVD-RW/eSATA Device			
Display				
Interface	2 HDMI+1 VGA			
Video Output	HDMI 1+ HDMI 2 + VGA			
Multi-screen Display	The 1 st screen: 1/4/8/9/16/25/36			
	The 2 nd screen: 1/4/8/9/16			
Privacy Masking	4 customized zones for privacy masking for each area			
Storage				
Hard Disk	8 SATA III ports, up to 48TB			
HDD Mode	Single, Raid 0/1/5/6/10/50/60 (Support global HDD hot-spare)			
HDD Installation	Independent HDD rack			
Network				
Interface	2 RJ-45 ports (10/100/1000Mbps)			
Ethernet Port	2 Ethernet ports joint working or 2 independent 1000Mbps Ethernet ports			
MD & Alarm				
Motion Detection	Zones: 396(22×18), Sensitivity: 1~100 (level 100 is the highest)			
Alarm Input	16ch, low level effective, green terminal interface			
Relay Output	8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface			
Auxiliary Interface				
USB	4 USB ports(3 USB2.0, 1 USB3.0)			
eSATA	1 eSATA port			
RS232	1 port, For PC communication& keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC110V~240V, 50~60Hz		AC100V~240V, 50~60Hz, Redundant	
Power Consumption	<40W (Without HDD)			
Working Environment	-10℃~55℃			
Working Humidity	10%~90% (non-condensation)			
Dimension (W×D×H)	486mm(with ears)×454.9mm ×91mm		486mm(with ears)×471.8mm ×91mm	
Weight	9kg (without HDD)			
Installation	19" Rack-mounted			

* Takes NVR608R-64-4K as an example

DH-NVR7032/7064-R

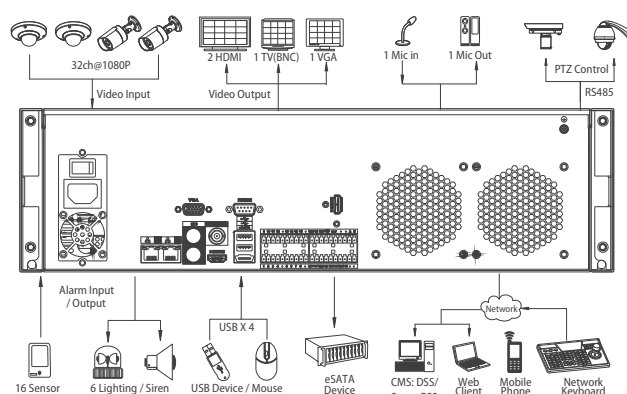
32/64CH 3U Network Video Recorder



Features

- Up to 32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 256Mbps incoming bandwidth
- 2HDMI/VGA/TV simultaneous video output
- 16 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 16 SATA HDDs up to 64TB, 1 eSATA up to 16TB, 4 USB2.0
- Support RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes NVR7032-R as an example

Technical Specifications

Model	DH-NVR7032-R		DH-NVR7064-R	
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video & Audio				
IP Camera Input	32 channel		64 channel	
Two-way Talk	1 channel Input, 1 channel Output, BNC			
Display				
Interface	2 HDMI, 1 VGA, 1 TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9/16/25/36			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) & etc.			
Record Rate	192Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	6 channel			
Playback & Backup				
Sync Playback	1/4/9/16			
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network			
Network				
Ethernet	2 RJ-45 ports (10/100/1000Mbps)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	16 SATA ports up to 64TB			
External HDD	1 eSATA port			
RAID	Raid 0/1/5/6/10			
Auxiliary Interface				
USB	4 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC 100V~240V, 50/60 Hz			
Power Consumption	NVR: 75W (without HDD)			
Working Environment	-10℃~-+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	3U, 448mm×490mm×133mm			
Weight	10.5kg~11.5kg (without HDD)			

DH-NVR7808/7816/7832/7864-RH

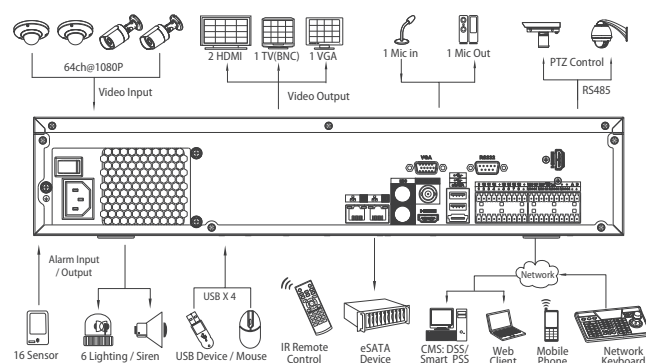
8/16/32/64CH 2U Network Video Recorder



Features

- Up to 8/16/32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decode
- Max 256Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- 8/16/32 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Support RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
- Support HDD hot-swap
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-NVR7808-RH	DH-NVR7816-RH	DH-NVR7832-RH	DH-NVR7864-RH
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video & Audio				
IP Camera Input	8 channel	16 channel	32 channel	64 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC			
Display				
Interface	2 HDMI, 1 VGA, 1TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/36	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	1080p(1920×1080)/720p(1280×720)/D1(704×576/704×480) & etc.			
Record Rate	Max 192Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	8 channel	16 channel	16 channel	16 channel
Relay Output	3 channel	6 channel	6 channel	6 channel
Playback & Backup				
Sync Playback	1/4/9	1/4/9/16	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network			
Network				
Ethernet	2 RJ-45 ports (10/100/1000Mbps)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	8 SATA ports, up to 32TB			
External HDD	1 eSATA port			
RAID	Raid 0/1/5/6/10			
Auxiliary Interface				
USB	4 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC 100V~240V, 50/60 Hz			
Power Consumption	NVR: 75W (without HDD)			
Working Environment	-10℃~-+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	2U, 440mm×460mm×89mm			
Weight	6.5kg (without HDD)			

* Takes NVR7864-RH as an example

DH-NVR7808/7816/7832/7864(-16P)

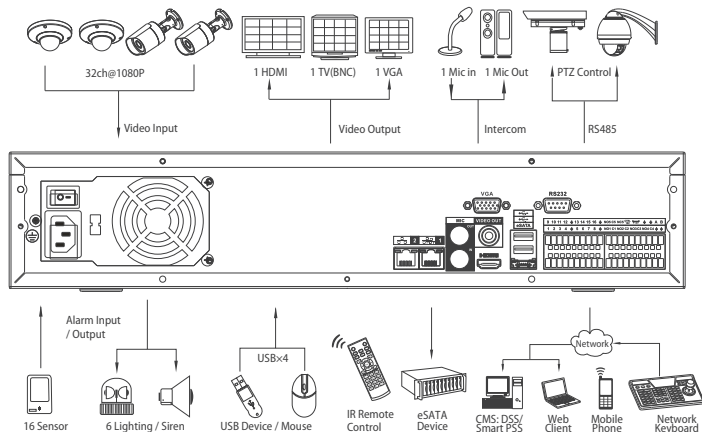
8/16/32/64CH 2U Network Video Recorder



Features

- Up to 8/16/32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 256Mbps incoming bandwidth
- HDMI/VGA/TV simultaneous video output
- 8/16/32 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Support IPC UPnP, 16PoE ports(for -16P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-NVR7808	DH-NVR7816	DH-NVR7832	DH-NVR7864
		DH-NVR7816-16P	DH-NVR7832-16P	DH-NVR7864-16P
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video & Audio				
IP Camera Input	8 channel	16 channel	32 channel	64 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC			
Display				
Interface	1 HDMI, 1 VGA, 1TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768 & etc.			
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/36	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720) / D1(704×576/704×480) & etc.			
Record Rate	192Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	8 channel	16 channel	16 channel	16 channel
Relay Output	3 channel	6 channel	6 channel	6 channel
Playback & Backup				
Sync Playback	1/4/9	1/4/9/16	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network			
Network				
Ethernet	2 RJ-45 ports (10/100/1000Mbps)			
	1 RJ-45 port (10/100/1000Mbps)(for -16P model)			
PoE	16 ports (IEEE802.3af/at) (for -16P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB			
External HDD	1 eSATA port			
Auxiliary Interface				
USB	4 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC 100V~240V, 50/60 Hz			
Power Consumption	NVR: 40W (without HDD)			
	PoE: Max 15W (each) (for -16P model)			
Working Environment	-10℃~-+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	2U, 440mm×460mm×89mm			
Weight	6.5kg (without HDD)			

* Takes NVR7832 as an example

DH-NVR7408/7416/7432/7464(-16P)

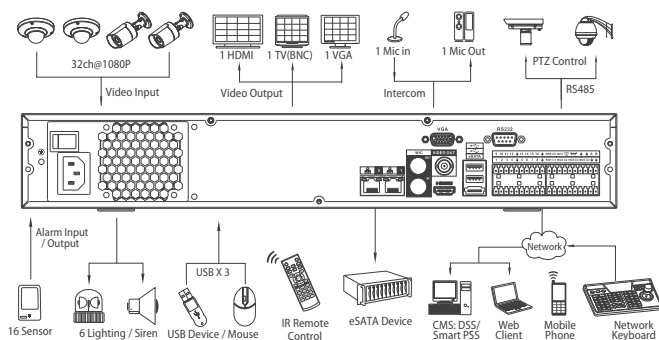
8/16/32/64CH 1.5U Network Video Recorder



Features

- Up to 8/16/32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 256Mbps incoming bandwidth
- HDMI/VGA/TV simultaneous video output
- 8/16/32 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- Support IPC UPnP, 16 PoE ports(for -16P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes NVR7432 as an example

Technical Specifications

Model	DH-NVR7408	DH-NVR7416	DH-NVR7432	DH-NVR7464
		DH-NVR7416-16P	DH-NVR7432-16P	DH-NVR7464-16P
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video & Audio				
IP Camera Input	8 channel	16 channel	32 channel	64 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC			
Display				
Interface	1 HDMI, 1 VGA, 1 TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768 & etc.			
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/36	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) & etc.			
Record Rate	192Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	8 channel	16 channel	16 channel	16 channel
Relay Output	3 channel	6 channel	6 channel	6 channel
Playback & Backup				
Sync Playback	1/4/9	1/4/9/16	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network			
Network				
Ethernet	2 RJ-45 ports (10/100/1000Mbps)			
	1 RJ-45 port (10/100/1000Mbps) (for -16P model)			
PoE	16 ports (IEEE802.3af/at) (for -16P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	4 SATA ports (4HDDs or 3HDDs+1CD/DVD-RW), up to 16TB			
External HDD	1 eSATA port			
Auxiliary Interface				
USB	3 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC 100~240V, 50/60 Hz			
Power Consumption	40W (without HDD)			
	PoE: Max 15W (each)(for -16P model)			
Working Environment	-10℃~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm			
Weight	6.0kg (without HDD)			

DH-NVR7208/7216/7232/7264(-8P)

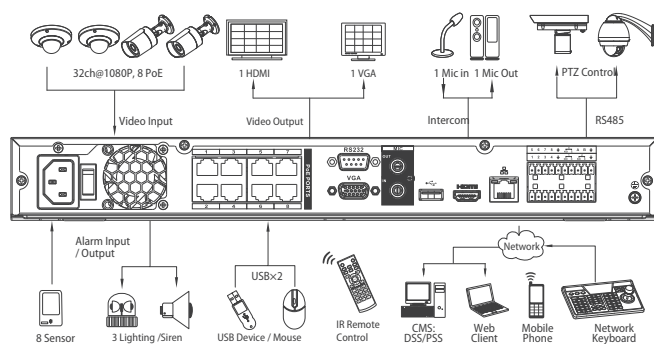
8/16/32/64CH 1U Network Video Recorder



Features

- Up to 8/16/32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 256Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- 8/16/32channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Support IPC UPnP, 8 PoE ports(for -8P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes NVR7232-8P as an example

Technical Specifications

Model	DH-NVR7208	DH-NVR7216	DH-NVR7232	DH-NVR7264
	DH-NVR7208-8P	DH-NVR7216-8P	DH-NVR7232-8P	DH-NVR7264-8P
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video & Audio				
IP Camera Input	8 channel	16 channel	32 channel	64 channel
Two-way Talk	1 channel Input, 1 channel Output, RCA			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/36	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) & etc.			
Record Rate	192Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	8 channel	8 channel	8 channel	8 channel
Relay Output	3 channel	3 channel	3 channel	3 channel
Playback & Backup				
Sync Playback	1/4/9	1/4/9/16	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device / Internal SATA burner/ Network			
Network				
Ethernet	1 RJ-45 port (10/100/1000Mbps)			
PoE	8 ports (IEEE802.3af/at)(for -8P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	2 SATA ports, up to 8TB			
Auxiliary Interface				
USB	2 ports (1 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	DC 12V/5A (for normal model)			
	AC 100~240V, 50/60 Hz(for -8P model)			
Power Consumption	20W (without HDD)			
	PoE: Max 15W (each) (for -8P model)			
Working Environment	-10℃~-+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	1U, 375mm×285mm×55mm			
Weight	2.5kg (without HDD)			

DH-NVR5032

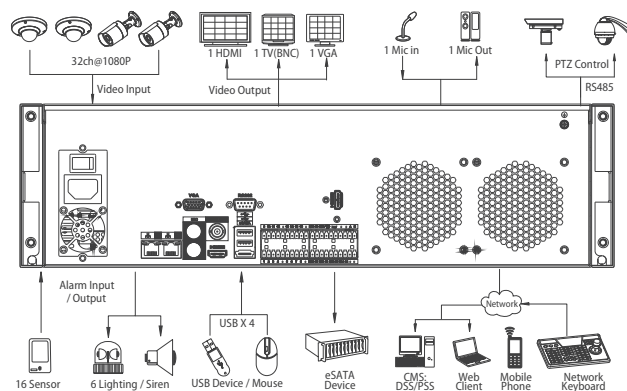
32CH 3U Network Video Recorder



Features

- Up to 32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 160Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- HDMI/VGA/TV simultaneous video output
- 32 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 16 SATA HDDs up to 64TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes NVR5032 as an example

Technical Specifications

Model	DH-NVR5032
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
IP Camera Input	32 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC
Display	
Interface	1 HDMI, 1 VGA, 1 TV
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768 & etc.
Display Split	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264/MJPEG
Resolution	5MP(2560×1920)/3MP(2048×1536)/1080P(1920×1080)/720P(1280×720) / D1(704×576/704×480)
Record Rate	Max 128Mbps
Bit Rate	48~ 8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	16 channel
Relay Output	6 channel
Playback & Backup	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/eSATA Device /Network/Internal SATA burner
Network	
Ethernet	2 RJ-45 ports (10/100/1000Mbps)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	16 SATA ports, up to 64TB
External HDD	1 eSATA port, up to 16TB
Auxiliary Interface	
USB	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100V~240V, 50/60 Hz
Power Consumption	<40W (without HDD)
Working Environment	-10℃~+55℃ / 10%~90%RH / 86~106kpa
Dimension(W×D×H)	3U, 448mm×490mm×133.2mm
Weight	10.5kg~11.5kg (without HDD)

DH-NVR5808/5816/5832

8/16/32CH 2U Network Video Recorder

Technical Specifications

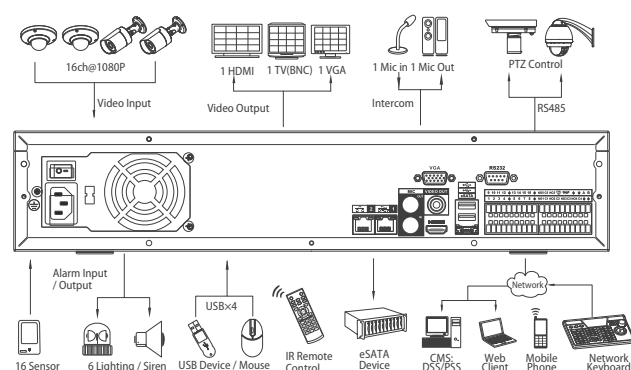


Features

- Up to 8/16/32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 160Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- HDMI/VGA/TV simultaneous video output
- 8/16/32 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16 TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

Model	DH-NVR5808	DH-NVR5816	DH-NVR5832
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video & Audio			
IP Camera Input	8 channel	16 channel	32 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
Interface	1 HDMI, 1 VGA, 1TV		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Compression	H.264/MJPEG		
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) & etc.		
Record Rate	Max 128Mbps		
Bit Rate	48~8192kbps		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	8 channel	16 channel	16 channel
Relay Output	6 channel		
Playback & Backup			
Sync Playback	1/4/9	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network		
Network			
Ethernet	2 RJ-45 ports (10/100/1000Mbps)		
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB		
External HDD	1 eSATA port		
Auxiliary Interface			
USB	4 ports (2 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	AC 100V~240V, 50/60 Hz		
Power Consumption	40W (without HDD)		
Working Environment	-10°C~-+55°C/10%~90%RH/86~106kpa		
Dimension(W×D×H)	2U, 440mm×460mm×89mm		
Weight	6.5kg (without HDD)		

System Connection



* Takes NVR5816 as an example

DH-NVR5408/5416/5432(-16P)

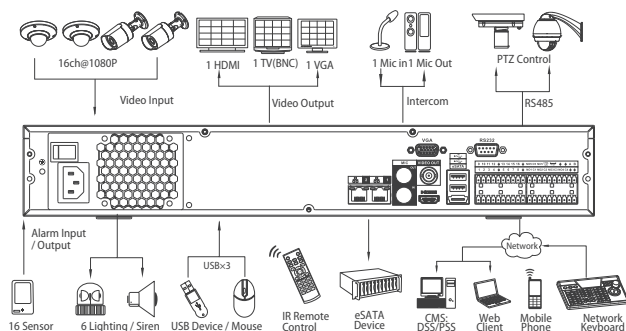
8/16/32CH 1.5U Network Video Recorder



Features

- Up to 8/16/32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 160Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- HDMI/VGA/TV simultaneous video output
- 8/16/32 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- Support IPC UPnP, 16 PoE ports(for -16P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-NVR5408		DH-NVR5416	DH-NVR5432
			DH-NVR5416-16P	DH-NVR5432-16P
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video & Audio				
IP Camera Input	8 channel	16 channel	32 channel	
Two-way Talk	1 channel Input, 1 channel Output, BNC			
Display				
Interface	1 HDMI, 1 VGA, 1TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/36	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) & etc.			
Record Rate	Max 128Mbps			
Bit Rate	48~8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	8 channel	16 channel	16 channel	
Relay Output	3 channel	6 channel		
Playback & Backup				
Sync Playback	1/4/9	1/4/9/16	1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network			
Network				
Ethernet	2 RJ-45 ports (10/100/1000Mbps)			
PoE	1 RJ-45 ports (10/100/1000Mbps)(for -16P model)			
	16 ports (EEE802.3af/at)(for -16P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.),SNMP			
Max.User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	4 SATA ports (4HDDs or 3HDDs+1CD/DVD-RW), up to 16TB			
External HDD	1 eSATA port			
Auxiliary Interface				
USB	3 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC 100V~240V, 50/60 Hz			
Power Consumption	NVR: 40W (without HDD) PoE: Max 15W (each)(for -16P model)			
Working Environment	-10℃~+55℃/10%~90%RH/86~106kpa			
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm			
Weight	6kg (without HDD)			

* Takes NVR5416 as an example

DH-NVR5208/5216/5232(-8P)

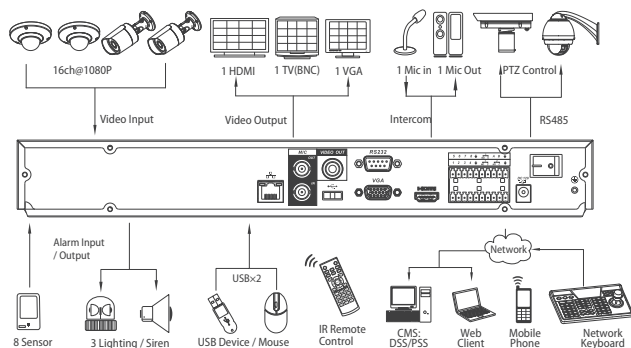
8/16/32CH 1U Network Video Recorder



Features

- Up to 8/16/32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 160Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- HDMI/VGA/TV simultaneous video output
- 8/16/32 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Support IPC UPnP, 8 PoE ports(for -8P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes NVR5216 as an example

Technical Specifications

Model	DH-NVR5208	DH-NVR5216	DH-NVR5232
	DH-NVR5208-8P	DH-NVR5216-8P	DH-NVR5232-8P
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video & Audio			
IP Camera Input	8 channel	16 channel	32 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
Interface	1 HDMI, 1 VGA, 1TV		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Compression	H.264/MJPEG		
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720) / D1(704×576/704×480) & etc.		
Record Rate	Max 128Mbps		
Bit Rate	48~8192kbps		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	8 channel		
Relay Output	3 channel		
Playback & Backup			
Sync Playback	1/4/9	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Network/Internal SATA burner		
Network			
Ethernet	1 RJ-45 port (10/100/1000Mbps)		
PoE	8 ports (IEEE802.3af/at)(for -8P model)		
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP		
Max.User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	2 SATA ports		
Auxiliary Interface			
USB	2 ports (1 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	NVR: DC12V/5A PoE: DC 48V/2.5A(for -8P model)		
Power Consumption	20W (without HDD) PoE: Max 15W (each)(for -8P model)		
Working Environment	-10℃~+55℃ / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	1U, 375mm×285mm×55mm		
Weight	2.3ka (without HDD)		

DH-NVR4808/4816/4832(-16P)

8/16/32CH 2U Network Video Recorder



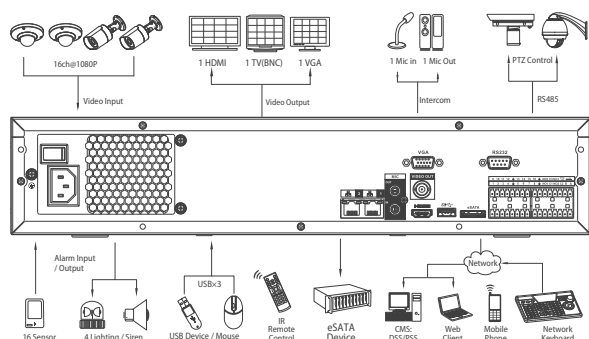
ONVIF



Features

- Up to 8/16 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 200Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- HDMI/VGA/TV simultaneous video output
- 8/16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 3 USB(1 USB3.0)
- Support IPC UPnP, 16PoE ports(for -16P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-NVR4808		DH-NVR4816	DH-NVR4832
			DH-NVR4816-16P	DH-NVR4832-16P
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video&Audio				
IP Camera Input	8 channel	16 channel	32 channel	
Two-way Talk	1channel Input, 1channel Output,RCA			
Display				
Interface	1 HDMI,1 VGA,1 TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1 (704×576/704×480)&etc.			
Record Rate	200Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
RecordInterval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email,FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection,MDZones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	4 channel			
Playback & Backup				
Sync Playback	1/4/9	1/4/9/16	1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner/eSATADevice			
Network				
Ethernet	2RJ-45 port (10/100/1000Mbps)			
PoE	1 RJ-45 port (10/100/1000Mbps) (for -16P model)			
	16 ports (IEEE802.3af/at)(for -16P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.),SNMP, P2P			
Max. UserAccess	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	8 SATA ports(8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB			
External HDD	1 eSATA port			
Auxiliary Interface				
USB	3 ports (1 Rear USB3.0,2 Front USB2.0)			
RS232	1 port, For PC communication&Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC 100V~240V,50/60HZ			
Power Consumption	40W(without HDD) PoE: Max 25.5W for single port(for -16P model)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	2U, 440mm×460mm×89mm			
Weight	6.5kg (without HDD)			

*Takes NVR4816 as an example

DH-NVR4408/4416/4432(-16P)

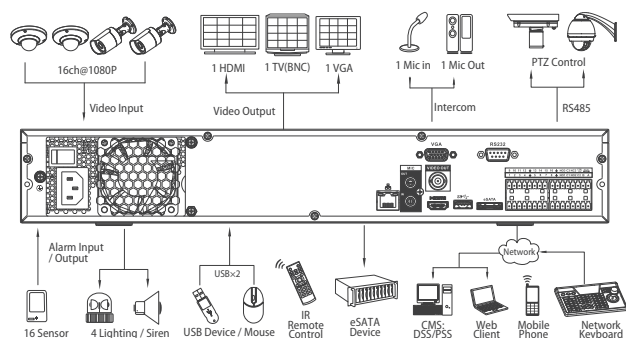
8/16/32CH 1.5U Network Video Recorder



Features

- Up to 8/16 channel with 1080P real-time live view
- H.264/MJPEG dual codec decoding
- Max 200Mbps incoming bandwidth
- Up to 5Mp resolution preview & playback
- HDMI/VGA/TV simultaneous video output
- 8/16 channel synchronous real-time playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotec and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 2 USB (1 USB3.0)
- Support IPC UPnP, 16PoE ports (for -16P model)
- Multiple network monitoring: Web viewer, CMS (DSS/Smart PSS) & Smart Phone (DMSS)

System Connection



Technical Specifications

Model	DH-NVR4408	DH-NVR4416	DH-NVR4432
		DH-NVR4416-16P	DH-NVR4432-16P
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video&Audio			
IP Camera Input	8 channel	16 channel	32 channel
Two-way Talk	1channel Input, 1channel Output,RCA		
Display			
Interface	1 HDMI,1 VGA,1TV		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Compression	H.264/MJPEG		
Resolution	5Mp(2560×1920/3Mp(2048×1536/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)&etc.		
Record Rate	200Mbps		
Bit Rate	48~ 8192kbps		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
RecordInterval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email,FTP, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection,MDZones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	16 channel		
Relay Output	4 channel		
Playback & Backup			
Sync Playback	1/4/9	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Network/Internal SATA burner/eSATADevice		
Network			
Ethernet	1 RJ-45 port (10/100/1000Mbps)		
PoE	16 ports (IEEE802.3af/at)(for -16P model)		
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.),SNMP,P2P		
Max. UserAccess	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	4 SATA ports, up to 16TB		
External HDD	1 eSATA port		
Auxiliary Interface			
USB	2 ports (1 Rear USB3.0,1 Front USB2.0)		
RS232	1 port, For PC communication&Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	AC 100V~240V,50/60HZ		
Power Consumption	NVR: 40W (without HDD) PoE: Max 25.5W for single port(for -16P model)		
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm		
Weight	6kg (without HDD)		

*Takes NVR4416 as an example

DH-NVR4204/4208/4216/4232(-P)

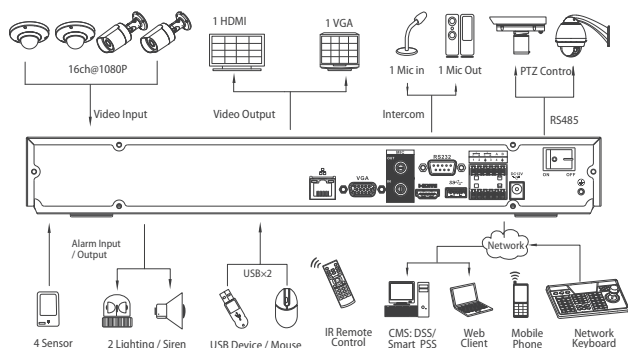
4/8/16/32CH 1U Network Video Recorder



Features

- Up to 4/8/16 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 200Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- HDMI/VGA simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 2 SATA HDDs up to 8TB, 2 USB(1 USB3.0)
- Support IPC UPnP, 4PoE ports(for -P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-NVR4204	DH-NVR4208	DH-NVR4216	DH-NVR4232
	DH-NVR4204-P	DH-NVR4208-P	DH-NVR4216-P	DH-NVR4232-P
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video&Audio				
IP Camera Input	4 channel	8 channel	16 channel	32 channel
Two-way Talk	1channel Input, 1channel Output,RCA			
Display				
Interface	1 HDMI,1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4	1/4/8/9	1/4/8/9/16	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)&etc.			
Record Rate	200Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
RecordInterval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email,FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection,MDZones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel			
Relay Output	2 channel			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	1 RJ-45 port (10/100/1000Mbps)			
PoE	4 ports (IEEE802.3af/at)(for -P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.),SNMP, P2P			
Max. UserAccess	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	2 SATA ports, up to 8TB			
Auxiliary Interface				
USB	2 ports (1 Rear USB3.0,1 Front USB2.0)			
RS232	1 port, For PC communication&Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/4A PoE: DC48V/1.04A(for -P model)			
Power Consumption	NVR: 20W(without HDD) PoE: Max 25.5W for single port(for -P model)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	1U, 375mm×285mm×55mm			
Weight	2.0ka (without HDD)			

*Takes NVR4216 as an example

DH-NVR4208/4216/4232-8P NEW

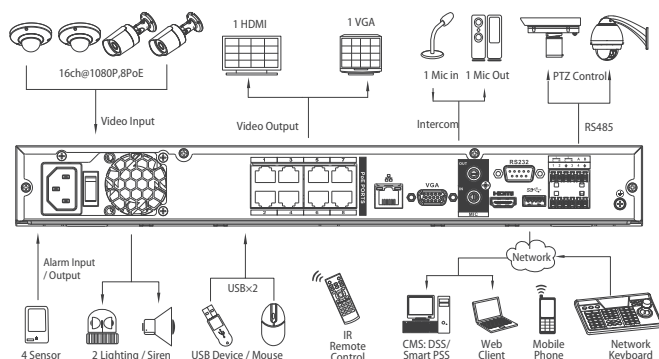
8/16/32CH 1U 8PoE Network Video Recorder



Features

- Up to 8/16 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 200Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- HDMI/VGA simultaneous video output
- 8/16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 2 SATA HDDs up to 8TB, 2 USB(1 USB3.0)
- Support IPC UPnP, 8PoE ports
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes NVR4216-8P as an example

Technical Specifications

Model	DH-NVR4208-8P		DH-NVR4216-8P		DH-NVR4232-8P	
System						
Main Processor	Dual-core embedded processor					
Operating System	Embedded LINUX					
Video&Audio						
IP Camera Input	8 channel		16 channel		32 channel	
Two-way Talk	1channel Input, 1channel Output,RCA					
Display						
Interface	1 HDMI,1 VGA					
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768					
Display Split	1/4/8/9		1/4/8/9/16		1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording					
Recording						
Compression	H.264/MJPEG					
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720) /D1(704×576/704×480)					
Record Rate	200Mbps					
Bit Rate	48~ 8192kbps					
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop					
RecordInterval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec					
Video Detection & Alarm						
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email,FTP, Snapshot, Buzzer & Screen tips					
Video Detection	Motion Detection,MDZones: 396(22×18), Video Loss & Camera Blank					
Alarm Input	4 channel					
Relay Output	2 channel					
Playback & Backup						
Sync Playback	1/4/9		1/4/9/16		1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search					
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom					
Backup Mode	USB Device/Network/Internal SATA burner					
Network						
Ethernet	1 RJ-45 port (10/100/1000Mbps)					
PoE	8 ports (IEEE802.3af/at)					
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P					
Max. UserAccess	128users					
Smart Phone	iPhone, iPad, Android, Windows Phone					
Storage						
Internal HDD	2 SATA ports, up to 8TB					
Auxiliary Interface						
USB	2 ports (1 Rear USB3.0,1 Front USB2.0)					
RS232	1 port, For PC communication&Keyboard					
RS485	1 port, For PTZ control					
General						
Power Supply	Single, AC 100~240V, 50/60 Hz					
Power Consumption	NVR: 20W(without HDD) PoE: Max 25.5W for single port					
Working Environment	-10℃~+55℃ / 10%~90%RH / 86~106kpa					
Dimension(W×D×H)	1U, 375mm×285mm×55mm					
Weight	2.5kg (without HDD)					

DH-NVR4104/4108/4116H(-P)

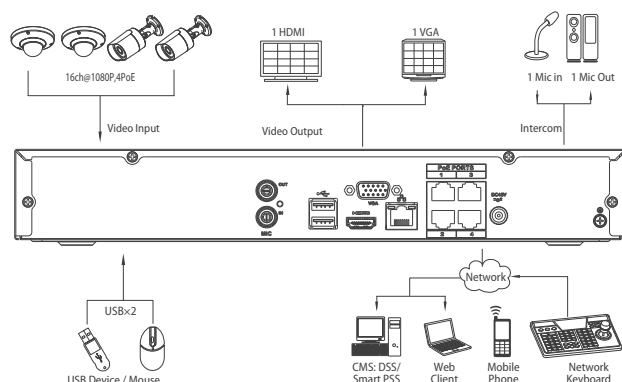
4/8/16CH Mini 1U Network Video Recorder



Features

- Up to 4/8/16 channel with 1080P realtime live view
- Max 80Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- H.264/MJPEG dual codec decoding
- HDMI/VGA simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Support IPC UPnP, 4PoE ports(for -P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes NVR4116H-P as an example

Technical Specifications

Model	DH-NVR4104H		DH-NVR4108H	DH-NVR4116H
	DH-NVR4104H-P		DH-NVR4108H-P	DH-NVR4116H-P
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video&Audio				
IP Camera Input	4 channel	8 channel	16 channel	
Two-way Talk	1 channel Input, 1 channel Output, RCA			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)			
Record Rate	80Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
RecordInterval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	1 RJ-45 port (10/100Mbps)			
PoE	4 ports (IEEE802.3af/at)(for -P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. UserAccess	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB	2 ports, USB2.0			
General				
Power Supply	DC12V/2A Single, DC48V/1.5A(for -P model)			
Power Consumption	NVR: 10W(without HDD) PoE: Max 25.5W for single port(for -P model)			
Working Environment	-10℃~-+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.25kg (without HDD)			

DH-NVR4108/4116H-8P NEW

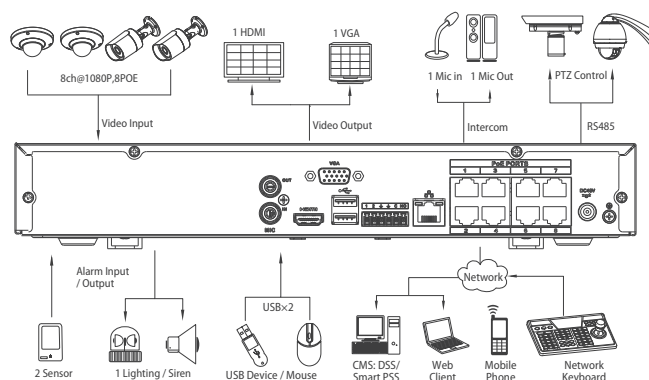
8/16CH Mini 1U 8PoE Network Video Recorder



Features

- Up to 8/16 channel with 1080P realtime live view
- Max 80Mbps incoming bandwidth
- H.264/MJPEG dual codec decoding
- Up to 5Mp resolution preview & playback
- HDMI/VGA simultaneous video output
- 8/16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Support IPC UPnP, 8PoE ports
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes NVR4108H-8P as an example

Technical Specifications

Model	DH-NVR4108H-8P		DH-NVR4116H-8P	
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video&Audio				
IP Camera Input	8 channel		16 channel	
Two-way Talk	1 channel Input, 1 channel Output, RCA			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9		1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720) /D1(704×576/704×480)			
Record Rate	80Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
RecordInterval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	2 channel			
Relay Output	1 channel			
Playback & Backup				
Sync Playback	1/4/9		1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	1 RJ-45 port (10/100Mbps)			
PoE	8 ports (IEEE802.3af/at)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. UserAccess	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB	2 ports, USB2.0			
General				
Power Supply	Single, DC48V/2A			
Power Consumption	NVR: 10W(without HDD) PoE: Max.25.5W for single port(for -P model)			
Working Environment	-10℃~-+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.25kg (without HDD)			

DH-NVR4104/4108/4116(-P)

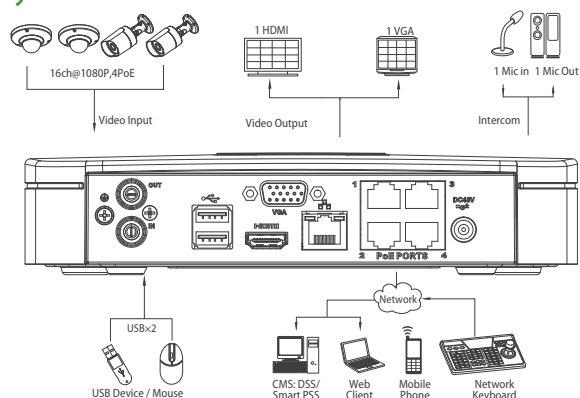
4/8/16CH Smart 1U Network Video Recorder



Features

- Up to 4/8/16 channel with 1080P real-time live view
- Max 80Mbps incoming bandwidth
- Up to 5Mp resolution preview & playback
- H.264/MJPEG dual codec decoding
- HDMI/VGA simultaneous video output
- 4/8/16 channel synchronous real-time playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivitek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Support IPC UPnP, 4PoE ports (for -P model)
- Multiple network monitoring: Web viewer, CMS (DSS/Smart PSS) & Smart Phone (DMSS)

System Connection



Technical Specifications

Model	DH-NVR4104		DH-NVR4108		DH-NVR4116	
	DH-NVR4104-P		DH-NVR4108-P		DH-NVR4116-P	
System						
Main Processor	Dual-core embedded processor					
Operating System	Embedded LINUX					
Video&Audio						
IP Camera Input	4 channel		8 channel		16 channel	
Two-way Talk	1channel Input, 1channel Output,RCA					
Display						
Interface	1 HDMI,1 VGA					
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768					
Display Split	1/4		1/4/8/9		1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording					
Recording						
Compression	H.264/MJPEG					
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)					
Record Rate	80Mbps					
Bit Rate	48~ 8192kbps					
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop					
RecordInterval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec					
Video Detection						
Trigger Events	Recording, PTZ, Tour, Video Push, Email,FTP, Snapshot, Buzzer & Screen tips					
Video Detection	Motion Detection,MDZones: 396(22×18), Video Loss & Camera Blank					
Playback & Backup						
Sync Playback	1/4		1/4/9		1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search					
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom					
Backup Mode	USB Device/Network/Internal SATA burner					
Network						
Ethernet	1 RJ-45 port (10/100Mbps)					
PoE	4 ports (IEEE802.3af/at)(for -P model)					
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.),SNMP, P2P					
Max. UserAccess	128users					
Smart Phone	iPhone, iPad, Android, Windows Phone					
Storage						
Internal HDD	1 SATA port, up to 4TB					
Auxiliary Interface						
USB	2 ports (2 Rear),USB2.0					
General						
Power Supply	DC12V/2A Single, DC48V/1.5A(for -P model)					
Power Consumption	NVR: 10W(without HDD) PoE: Max 25.5W for single port(for -P model)					
Working Environment	-10℃~-+55℃ / 10%~90%RH / 86~106kpa					
Dimension(W×D×H)	Smart 1U,205mm×205mm×45mm					
Weight	0.5kg (without HDD)					

*Takes NVR4116-P as an example

DH-NVR4108/4116-8P NEW

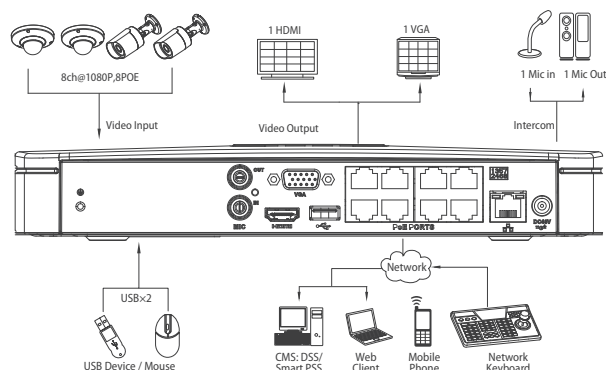
8/16CH Smart 1U 8PoE Network Video Recorder



Features

- Up to 8/16 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 80Mbps incoming bandwidth
- Up to 5Mp resolution preview&playback
- HDMI/VGA simultaneous video output
- 8/16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Support IPC UPnP, 8PoE ports
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes NVR4108-8P as an example

Technical Specifications

Model	DH-NVR4108-8P		DH-NVR4116-8P	
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video&Audio				
IP Camera Input	8 channel		16 channel	
Two-way Talk	1channel Input, 1channel Output, RCA			
Display				
Interface	1 HDMI,1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9		1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)			
Record Rate	80Mbps			
Bit Rate	48~ 8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
RecordInterval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4/9		1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	1 RJ-45 port (10/100Mbps)			
PoE	8 ports (IEEE802.3af/at)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.),SNMP, P2P			
Max. UserAccess	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB	2 ports, USB2.0			
General				
Power Supply	DC48V/2A			
Power Consumption	NVR: 12W(without HDD) PoE: Max. 15W(each)			
Working Environment	-10℃~-55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Smart 1U, 270mm×205mm×45mm			
Weight	0.6~0.7kg (without HDD)			

DH-NVR1104/1108H(-P) NEW

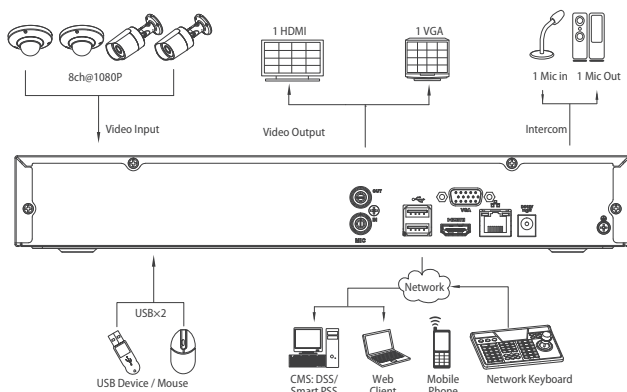
4/8CH Mini 1U Network Video Recorder



Features

- Up to 4/8 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 56Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- 4/8 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Support IPC UPnP, 4PoE ports(for -P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-NVR1104H		DH-NVR1108H
	DH-NVR1104H-P		DH-NVR1108H-P
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video&Audio			
IP Camera Input	4 channel	8 channel	
Two-way Talk	1 channel input, 1 channel output, RCA		
Display			
Interface	1 HDMI, 1 VGA		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4	1/4/8/9	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Compression	H.264/MJPEG		
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)& etc.		
Record Rate	Max 56Mbps		
Bit Rate	48~8192kbps		
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop		
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection			
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Playback & Backup			
Sync Playback	1/4	1/4/9	
Search Mode	Time/Date, MD & Exact search (accurate to second), Smart search		
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Network/Internal SATA burner		
Network			
Ethernet	1RJ-45 port (10/100Mbps)		
PoE	4 ports (IEEE802.3af/at)(for -P model)		
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P		
Max. UserAccess	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	1 SATA port, up to 4TB		
Auxiliary Interface			
USB	2 ports (2 Rear), USB2.0		
General			
Power Supply	DC12V/2A Single, DC48V/1.25A(for -P model)		
Power Consumption	NVR: 10W(without HDD) PoE: Max 25.5W (single port) (for -P model)		
Working Environment	-10°C~+50°C/10%~90%RH/86~106kpa		
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm		
Weight	1.25kg(without HDD)		

*Takes NVR1108H as an example

DH-NVR1104/1108(-P) NEW

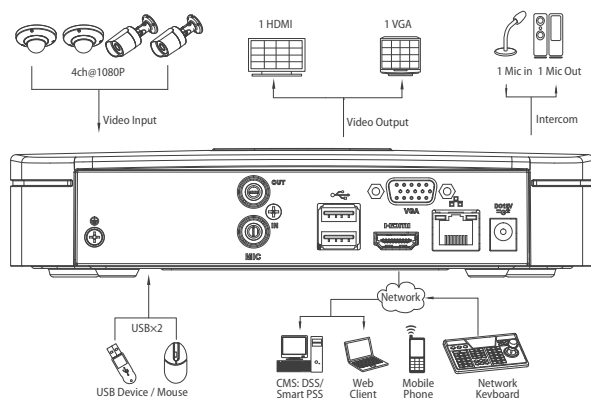
4/8CH Smart 1U Network Video Recorder



Features

- Up to 4/8 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 56Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- 4/8 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Support IPC UPnP, 4PoE ports(for -P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes NVR1104 as an example

Technical Specifications

Model	DH-NVR1104		DH-NVR1108	
	DH-NVR1104-P		DH-NVR1108-P	
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video& Audio				
IP Camera Input	4 channel		8 channel	
Two-way Talk	1 channel Input, 1 channel Output, RCA			
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4		1/4/8/9	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/D1 (704×576/704×480) & etc.			
Record Rate	Max 56Mbps			
Bit Rate	48~8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4		1/4/9	
Search Mode	Time/Date, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	1RJ-45 port (10/100Mbps)			
PoE	4 ports (IEEE802.3af/at)(for -P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. UserAccess	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB	2 ports (2 Rear), USB2.0			
General				
Power Supply	DC12V/2A Single, DC48V/1.25A(for -P model)			
Power Consumption	NVR: 10W (without HDD) PoE: Max 25.5W (Single port)(for -P model)			
Working Environment	-10°C~-+50°C/10%~90%RH/86~106kpa			
Dimension(W×D×H)	Smart 1U, 205mm×205mm×45mm			
Weight	500g (without HDD)			

DH-NVR104/108(-P) NEW

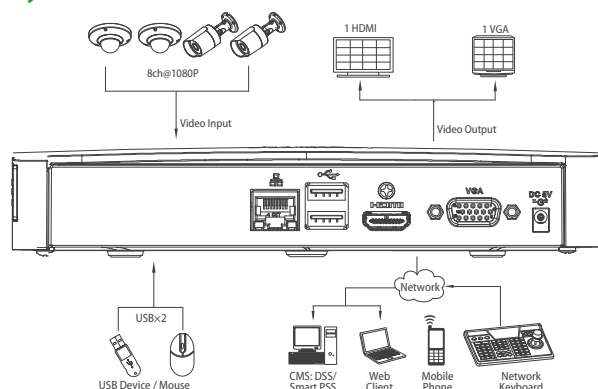
4/8CH Smart Box Network Video Recorder



Features

- Up to 4/8 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Max 56Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- 4/8 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 1 SATA HDD up to 1TB, 2 USB2.0
- Support IPC UPnP, 4PoE ports(for -P model)
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-NVR104		DH-NVR108	
	DH-NVR104-P		DH-NVR108-P	
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video				
IP Camera Input	4 channel		8 channel	
Display				
Interface	1 HDMI, 1 VGA			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4		1/4/8/9	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	1080P(1920×1080)/720P(1280×720)/D1 (704×576/704×480) & etc.			
Record Rate	Max 56Mbps			
Bit Rate	48~8192kbps			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4		1/4/9	
Search Mode	Time/Date, MD & Exact search (accurate to second), Smart search			
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	1RJ-45 port (10/100Mbps)			
PoE	4 ports (IEEE802.3af/at)(for -P model)			
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P			
Max. UserAccess	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 1TB			
Auxiliary Interface				
USB	2 ports (2 Rear), USB2.0			
General				
Power Supply	DC5V/2A Single, DC48V/1.25A(for -P model)			
Power Consumption	NVR: <4W (without HDD) PoE: Max 25.5W (for single port)(for -P model)			
Working Environment	-10°C~+55°C/10%~90%RH/86~106kpa			
Dimension(W×D×H)	Smart Box, 192mm×128mm×36mm			
Weight	320g/360g(for -P model) (without HDD)			

*Takes NVR108 as an example



ANALOG CAMERA



DH-CA-FW191I

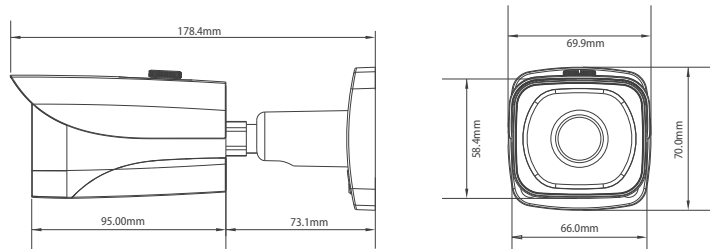
Mega-HDIS Water-proof IR-Bullet Camera



Features

- 1/3" 1.3Mega HDIS
- High resolution of 800TVL
- Day/Night(ICR), 3DNR, AWB, AGC, BLC, MD
- 6mm fixed lens (2.8mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



PFA121

PFA152

PFA151

Technical Specifications

Model	DH-CA-FW191IP		DH-CA-FW191IN
Camera			
Image Sensor	1/3" 1.3Mega HDIS		
Effective Pixels	1280(H)×960(V)		
Horizontal Resolution	800TVL		
Electronic Shutter	4/25s~1/45,000s	4/30s~1/54,000s	
Synchronization	Internal		
Mini. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC OFF)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Noise Reduction	2D / 3D		
Lens			
Focal Length	6mm fixed lens (2.8mm, 3.6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3.6W		
Working Environment	-40℃~-+60℃ / Less than 95%RH		
Ingress Protection	IP66		
Dimensions(W×D×H)	178.4mm×69.9mm×70.0mm		
Weight	0.5kg		

DH-CA-FW191G

Mega-HDIS Day/Night Water-proof IR-Bullet Camera

Technical Specifications

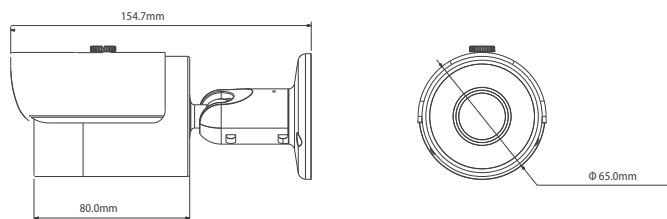
Model	DH-CA-FW191GP		DH-CA-FW191GN
Camera			
Image Sensor	1/3" 1.3Mega HDIS		
Effective Pixels	1280(H)×960(V)		
Horizontal Resolution	800TVL		
Electronic Shutter	4/25s~1/45,000s	4/30~1/54,000s	
Synchronization	Internal		
Mini. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Noise Reduction	2D / 3D		
Lens			
Focal Length	6mm (2.8 mm, 3.6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 4W		
Working Environment	-40°C~+60°C / 20%~80%RH		
Ingress Protection	IP66		
Dimensions(W×D×H)	Φ65mm×154.7mm		
Weight	0.38kg		
Others	Default: bracket included		



Features

- 1/3" 1.3Mega HDIS
- High resolution of 800TVL
- Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



DH-CA-FW191J-B/FW191D-B

Mega-HDIS Day/Night Water-proof IR-Bullet Camera



FW191J-B



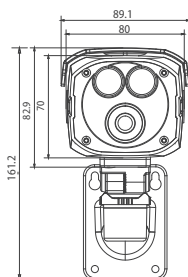
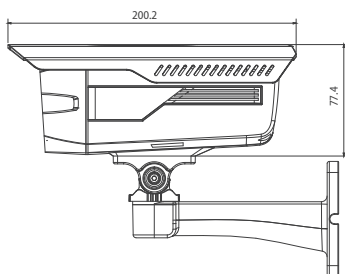
FW191D-B



Features

- 1/3" 1.3Mega HDIS
- High resolution of 800TVL
- Day/Night(ICR), AWB, AGC, BLC, 3DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional) (FW191D-B)
8mm fixed lens (3.6mm, 6mm, 12mm, 16mm optional) (FW191J-B)
- Max. IR LEDs length 30m, Smart IR (FW191D-B)
- Max. IR LEDs length 50m, Smart IR (FW191J-B)
- IP66, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-CA-FW191D-B		DH-CA-FW191J-B	
Camera				
Image Sensor	1/3" 1.3Mega HDIS			
Effective Pixels	1280(H)×960(V)			
Horizontal Resolution	800TVL			
Electronic Shutter	4/25s(30s)~1/45,000s(54,000s)			
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
Max. IR LEDs Length	30m, Smart IR		50m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC			
White Balance	Auto			
Gain Control	Auto			
Noise Reduction	2D / 3D			
Lens				
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)		8mm fixed lens (3.6mm, 6mm, 12mm,16mm optional)	
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 5.5W		Max 6W	
Working Environment	-40℃~-+60℃ / 20%~80%RH			
Ingress Protection	IP66			
Dimensions(W×D×H)	200.2mm×89.1mm×161.2mm			
Weight	0.58kg			
Others	Default: bracket included			

DH-CA-D190C

Mega-HDIS Mini Dome Camera



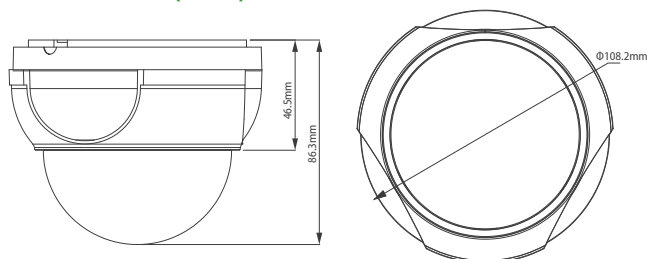
Features

- 1/3" 1.3Mega HDIS
- High resolution of 800TVL
- Day/Night, 3DNR, AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- DC12V

Technical Specifications

Model	DH-CA-D190CP		DH-CA-D190CN
Camera			
Image Sensor	1/3" 1.3Mega HDIS		
Effective Pixels	1280(H)×960(V)		
Horizontal Resolution	800TVL		
Electronic Shutter	4/25s~1/45,000s	4/30~1/54,000s	
Synchronization	Internal		
Mini. Illumination	0.01Lux@F1.2		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Day/Night	Auto(Electronic) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Noise Reduction	2D / 3D		
Lens			
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 2W		
Working Environment	-30℃~-+55℃ / 20%~80%RH		
Dimensions	Φ108.2mm×86.3mm		
Weight	0.3kg		

Dimensions(mm)



DH-CA-DW191E

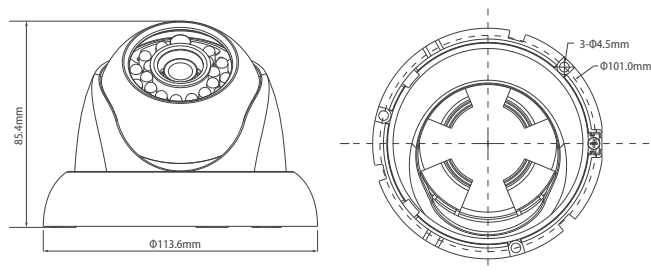
Mega-HDIS Water-proof IR Mini Dome Camera



Features

- 1/3" 1.3Mega HDIS
- High resolution of 800TVL
- Day/Night(ICR), AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-CA-DW191EP		DH-CA-DW191EN	
Camera				
Image Sensor	1/3" 1.3Mega HDIS			
Effective Pixels	1280(H)×960(V)			
Horizontal Resolution	800TVL			
Electronic Shutter	4/25s~1/45,000s		4/30~1/54,000s	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC			
White Balance	Auto			
Gain Control	Auto			
Noise Reduction	2D / 3D			
Lens				
Focal length	3.6mm (2.8mm, 6mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 3.5W			
Working Environment	-40°C~+60°C / 20%~80%RH			
Ingress Protection	IP66			
Dimensions(W×D×H)	Φ113.6mm×85.4mm			
Weight	0.3kg			

DH-CA-DW191M

Mega-HDIS Water-proof IR Dome Camera



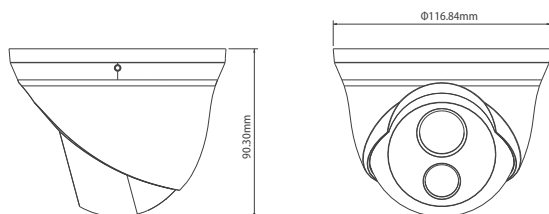
Features

- 1/3" 1.3Mega HDIS
- High resolution of 800TVL
- Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-CA-DW191MP		DH-CA-DW191MN
Camera			
Image Sensor	1/3" 1.3 Mega HDIS		
Effective Pixels	1280(H)×960(V)		
Horizontal Resolution	800TVL		
Electronic Shutter	4/25s~1/45,000s	4/30s~1/54,000s	
Synchronization	Internal		
Mini. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB(AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Noise Reduction	2D / 3D		
Lens			
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 5.5W		
Working Environment	-40°C~+60°C / Less than 95%RH		
Ingress Protection	IP66		
Dimensions	Φ116.8mm×90.3mm		
Weight	0.45kg		

Dimensions(mm)



Accessories (optional)



DH-CA-DW191H

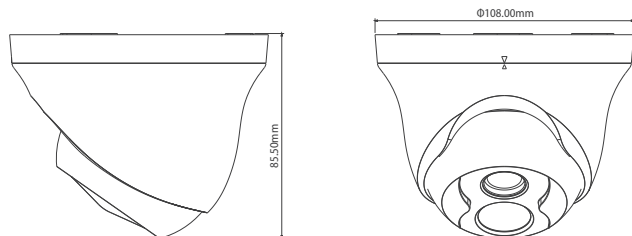
Mega-HDIS Day/Night IR Mini Dome Camera



Features

- 1/3" 1.3Mega HDIS
- High resolution of 800TVL
- Day/Night(ICR), AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- DC12V

Dimensions(mm)



Accessories (optional)



PFB200W

PFA130

PFA122

Technical Specifications

Model	DH-CA-DW191HP		DH-CA-DW191HN
Camera			
Image Sensor	1/3" 1.3Mega HDIS		
Effective Pixels	1280(H)×960(V)		
Horizontal Resolution	800TVL		
Electronic Shutter	4/25s~1/45,000s	4/30~1/54,000s	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Noise Reduction	2D / 3D		
Lens			
Focal length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 4W		
Working Environment	-30℃~-+55℃ / 20%~80%RH		
Dimensions	Φ108mm×85.5mm		
Weight	0.15kg		

DH-CA-FW181R-VF

NEW

HDIS Water-proof IR-Bullet Camera



Technical Specifications

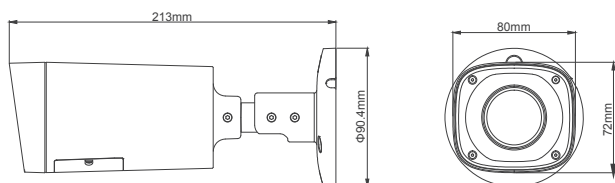
Model	DH-CA-FW181RP-VF		DH-CA-FW181RN-VF
Camera			
Image Sensor	1/3" HDIS		
Effective Pixels	960(H)×480(V)		
Horizontal Resolution	720TVL		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Synchronization	Internal		
Mini. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal Length	2.7~12mm		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10%		
Power Consumption	2.8W		
Working Environment	-40°C~+60°C / Less than 95%RH (no condensation)		
Ingress Protection	IP66		
Dimensions(W×D×H)	Φ90.4mm×213mm		
Weight	0.56kg		



Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



PFA121

PFA151

PFA152

DH-CA-DBW181R-VF NEW

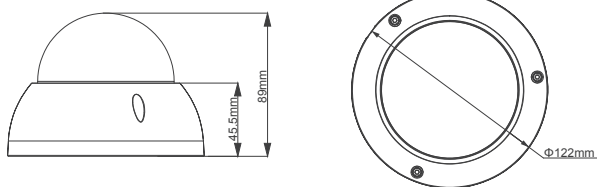
HDIS Day/Night Vandal-proof IR Dome Camera



Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, IK10, DC12V

Dimensions(mm)



Accessories (optional)



PFA122



PFB200W

Technical Specifications

Model	DH-CA-DBW181RP-VF		DH-CA-DBW181RN-VF
Camera			
Image Sensor	1/3" HDIS		
Effective Pixels	960(H)×480(V)		
Horizontal Resolution	720TVL		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Synchronization	Internal		
Min. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal Length	2.7~12mm		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10%		
Power Consumption	4.8W		
Working Environment	-40°C~-+60°C / Less than 95%RH (no condensation)		
Ingress Protection	IP66 & IK10		
Dimensions	Φ122mm×89mm		
Weight	0.45kg		

DH-CA-DW181R-VF

NEW

HDIS Day/Night IR Dome Camera



Technical Specifications

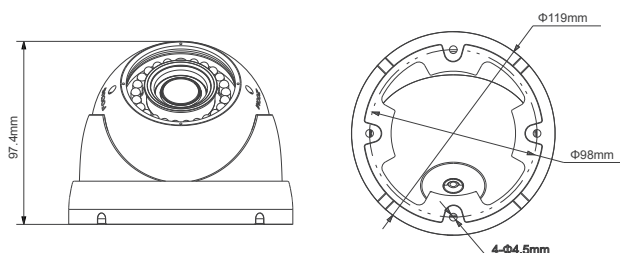
Model	DH-CA-DW181RP-VF		DH-CA-DW181RN-VF
Camera			
Image Sensor	1/3" HDIS		
Effective Pixels	960(H)×480(V)		
Horizontal Resolution	720TVL		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Synchronization	Internal		
Mini. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal Length	2.7~12mm		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10%		
Power Consumption	2.8W		
Working Environment	-40°C~+60°C / Less than 95%RH (no condensation)		
Ingress Protection	IP66		
Dimensions(W×D×H)	Φ119mm×97.4mm		
Weight	0.55kg		



Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Dimensions(mm)



DH-CA-FW181I

HDIS Water-proof IR-Bullet Camera



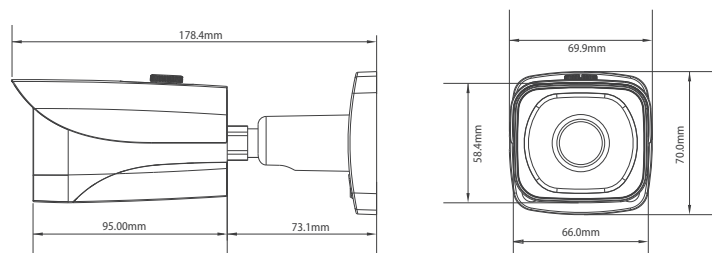
Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), DNR, AWB, AGC,BLC
- 6mm fixed lens (2.8mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-CA-FW181IP		DH-CA-FW181IN
Camera			
Image Sensor	1/3" HDIS		
Effective Pixels	960(H)×480(V)		
Horizontal Resolution	720TVL		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Synchronization	Internal		
Min. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC OFF)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Noise Reduction	2D		
Lens			
Focal Length	6mm fixed lens (2.8mm, 3.6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3W		
Working Environment	-40℃~+60℃ / Less than 95%RH		
Ingress Protection	IP66		
Dimensions(W×D×H)	178.4mm×69.9mm×70.0mm		
Weight	0.5kg		

Dimensions(mm)



Accessories (optional)



DH-CA-FW181R/RM

NEW

HDIS Water-proof IR-Bullet Camera



DH-CA-FW181R



DH-CA-FW181RM



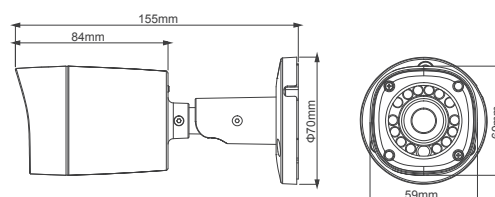
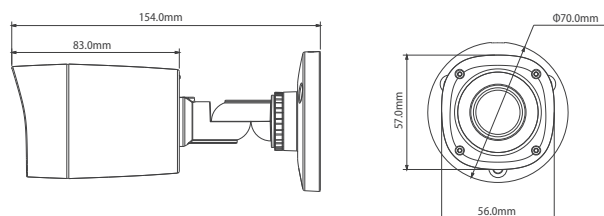
Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 6mm fixed lens (3.6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-CA-FW181R		DH-CA-FW181RM	
Camera				
Image Sensor	1/3" HDIS			
Effective Pixels	960(H)×480(V)			
Horizontal Resolution	720TVL			
Electronic Shutter	1/50s(60s)~1/100,000s			
Synchronization	Internal			
Mini. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on			
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D			
Lens				
Focal Length	6mm fixed lens (3.6mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2.4W		Max 2.8W	
Working Environment	-40℃~-+60℃ / Less than 90%RH (no condensation)			
Ingress Protection	IP66			
Dimensions(W×D×H)	Φ70mm×154mm		Φ70mm×155mm	
Weight	0.15kg		0.3kg	

Dimensions(mm)



Accessories (optional)



PFA130

PFA121

PFA151

PFA152

DH-CA-FW181G/171G

HDIS Day/Night Water-proof IR-Bullet Camera



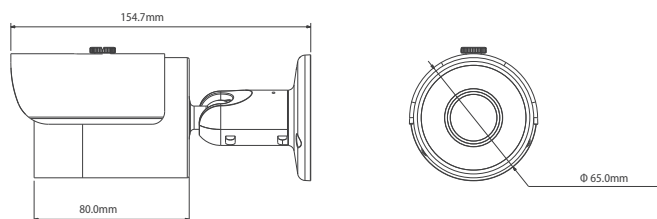
Features

- 1/3" HDIS
- High resolution of 600TVL/ 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Technical Specifications

Model	DH-CA-FW171G	DH-CA-FW181G
Camera		
Image Sensor	1/3" HDIS	1/3" HDIS
Effective Pixels	720(H)×480(V)	960(H)×480(V)
Horizontal Resolution	600TVL	720TVL
Electronic Shutter	1/50s(60s)~1/100,000s	
Synchronization	Internal	
Min. Illumination	0.1Lux@F1.2(AGC ON), 0Lux IR on	0.02Lux@F1.2(AGC ON), 0Lux IR on
S/N Ratio	More than 65dB (AGC Off)	
Video Output	1Vp-p Composite Output (75Ω/BNC)	
Camera Features		
Max. IR LEDs Length	20m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC	
White Balance	Auto	
Gain Control	Auto	
Lens		
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)	
Mount Type	M12	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 3W	
Working Environment	-30°C~-+60°C / 20%~80%RH	-40°C~-+60°C / 20%~80%RH
Ingress Protection	IP66	
Dimensions(W×D×H)	Φ 65mm×154.7mm	
Weight	0.38kg	
Others	Default: bracket included	

Dimensions(mm)



Accessories (optional)



DH-CA-FW181J-B /FW181D-B/FW171D-B

HDIS Day/Night Water-proof IR-Bullet Camera

Technical Specifications

Model	DH-CA-FW171D-B		DH-CA-FW181D -B	DH-CA-FW181J-B
Camera				
Image Sensor	1/3" HDIS			
Effective Pixels	720(H)×480(V)		960(H)×480(V)	
Horizontal Resolution	600TVL		720TVL	
Electronic Shutter	1/50s(60s)~1/100,000s			
Synchronization	Internal			
Min. Illumination	0.1Lux@F1.2(AGC ON), 0Lux IR on		0.02Lux@F1.2(AGC ON), 0Lux IR on	
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
Max. IR LEDs Length	30m, Smart IR			50m, Smart IR
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC			
White Balance	Auto			
Gain Control	Auto			
Lens				
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)			8mm fixed lens (3.6mm, 6mm,12mm,16mm optional)
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 4.5W			Max 6W
Working Environment	-40℃~-+60℃ / 20%~80%RH			
Ingress Protection	IP66			
Dimensions(W×D×H)	89.1mm×200.2mm×161.2mm			
Weight	0.58kg			



FW181J-B



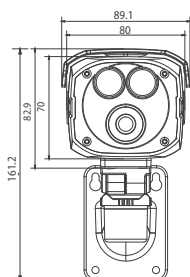
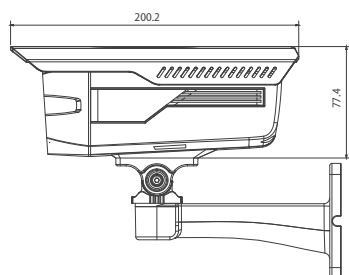
FW181/171D-B



Features

- 1/3" HDIS
- High resolution of 600TVL/720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
8mm fixed lens (3.6mm, 6mm,12mm,16mm optional) (FW181J-B)
- Max. IR LEDs length 30m, Smart IR
Max. IR LEDs length 50m, Smart IR (FW181J-B)
- IP66, DC12V

Dimensions(mm)



DH-CA-D180C/D170C

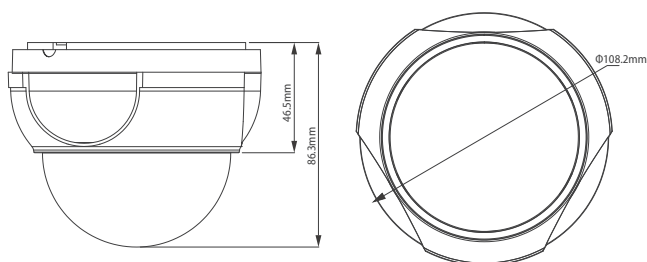
HDIS Mini Dome Camera



Features

- 1/3" HDIS
- High resolution of 600TVL/ 720TVL
- Day/Night, AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- DC12V

Dimensions(mm)



Technical Specifications

Model	DH-CA-D170C		DH-CA-D180C	
Camera				
Image Sensor	1/3" HDIS			
Effective Pixels	720(H)×480(V)		960(H)×480(V)	
Horizontal Resolution	600TVL		720TVL	
Electronic Shutter	1/50s(60s)~1/100,000s			
Synchronization	Internal			
Min. Illumination	0.1Lux@F1.2		0.05Lux@F1.2	
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
Day/Night	Auto(Electronic) / Color / B/W			
Backlight Compensation	BLC			
White Balance	Auto			
Gain Control	Auto			
Lens				
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 1.5W		Max 1W	
Working Environment	-40℃~-+60℃ / 20%~80%RH			
Dimensions	Φ108.2mm×86.3mm			
Weight	0.3kg			

DH-CA-DW181R NEW

HDIS IR Mini Dome Camera



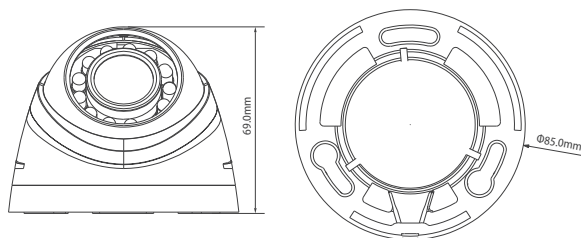
Technical Specifications

Model	DH-CA-DW181RP		DH-CA-DW181RN	
Camera				
Image Sensor	1/3" HDIS			
Effective Pixels	960(H)×480(V)			
Horizontal Resolution	720TVL			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Synchronization	Internal			
Mini. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on			
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D			
Lens				
Focal Length	3.6mm (6mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2.4W			
Working Environment	-40℃~-+60℃ / Less than 90%RH (no condensation)			
Dimensions	Φ85mm×69mm			
Weight	0.1kg			

Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- DC12V

Dimensions(mm)



Accessories (optional)



PFB200W



PFA122

DH-CA-DW181E/171E

HDIS Water-proof IR Mini Dome Camera



Technical Specifications

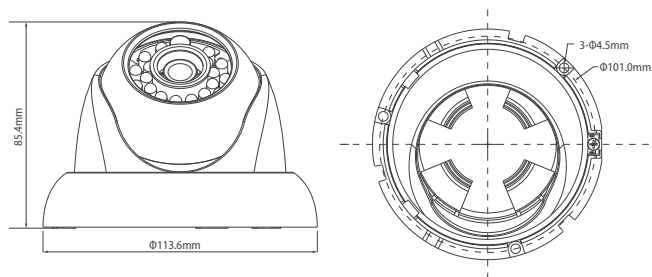
Model	DH-CA-DW171E		DH-CA-DW181E
Camera			
Image Sensor	1/3" HDIS		
Effective Pixels	720(H)×480(V)		960(H)×480(V)
Horizontal Resolution	600TVL		720TVL
Electronic Shutter	1/50s(60s)~1/100,000s		
Synchronization	Internal		
Min. Illumination	0.1Lux@F1.2(AGC ON), 0Lux IR on		0.02Lux@F1.2(AGC ON), 0Lux IR on
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Lens			
Focal Length	3.6mm (2.8mm, 6mm optional)		3.6mm (2.8mm, 6mm, 8mm optional)
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3W		Max 2.5W
Working Environment	-40℃~-+60℃ / 20%~80%RH		
Ingress Protection	IP66		
Dimensions	Φ113.6mm×85.4mm		
Weight	0.3kg		



Features

- 1/3" HDIS
- High resolution of 600TVL/ 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



PFB200W

PFA130

PFA122

DH-CA-DW181M

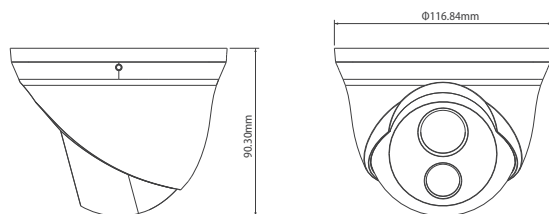
HDIS Water-proof IR Dome Camera



Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-CA-DW181MP		DH-CA-DW181MN
Camera			
Image Sensor	1/3" HDIS		
Effective Pixels	960(H)×480(V)		
Horizontal Resolution	720TVL		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Synchronization	Internal		
Mini. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Lens			
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 4.5W		
Working Environment	-40℃~-+60℃ / Less than 95%RH		
Ingress Protection	IP66		
Dimensions	Φ116.8mm×90.3mm		
Weight	0.45kg		

DH-CA-DW181H

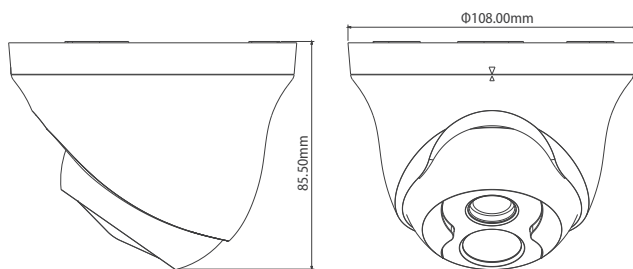
HDIS Day/Night IR Mini Dome Camera



Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- DC12V

Dimensions(mm)



Accessories (optional)



PFB200W

PFA130

PFA122

Technical Specifications

Model	DH-CA-DW181HP		DH-CA-DW181HN
Camera			
Image Sensor	1/3" HDIS		
Effective Pixels	960(H)×480(V)		
Horizontal Resolution	720TVL		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Synchronization	Internal		
Min. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Lens			
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3W		
Working Environment	-40℃~+60℃ / 20%~80%RH		
Dimensions	Φ108mm×85.5mm		
Weight	0.15kg		

DH-CA-F781E/F681E/F581E/F481E

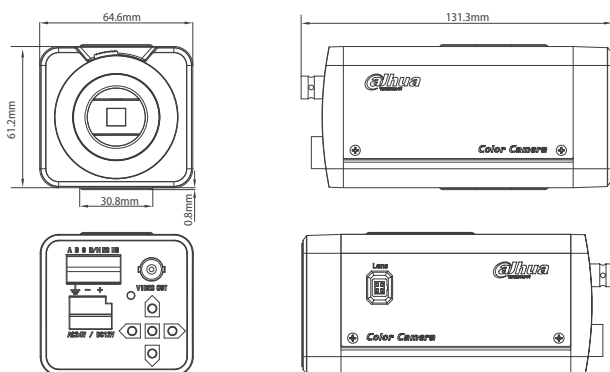
Box Camera



Features

- 1/3" SONY EXview HAD CCD II & Effio DSP (F481E/F681E/F781E)
- 1/3" SONY Super HAD CCD II & Effio DSP (F581E)
- High resolution of 700TVL
- DWDR, WDR (F581E), Day/Night (ICR), 3DNR, Auto iris, AWB, AGC, BLC, HLS (F681E), MD, DZOOM (F581E/F681E/F781E), DIS (F581E/F681E/F781E), Privacy Masking, Picture Adjustment
- OSD, AC24V/DC12V

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-CA-F481E-A	DH-CA-F581E-A	DH-CA-F681E-A	DH-CA-F781E-A
Camera				
Image Sensor	1/3" EXview HAD CCD II	1/3" Super HAD CCD II	1/3" EXview HAD CCD II	
Effective Pixels	PAL: 976(H)×582(V); NTSC:976(H)×494(V)			
Horizontal Resolution	700TVL			
Electronic Shutter	1/50s(60s)~1/100,000	1/50s(60s)~1/100,000, 10s(8s)~1/100,000s @Slow shutter, 512x		
Synchronization	Internal / Line lock	Internal / External		Internal / Line lock
Min. Illumination	Color: 0.001Lux@F1.2	Color: 0.001Lux@F1.2, 0.0001Lux@F1.2(Slow shutter, 512x)		
	B/W: 0.0001Lux@F1.2	B/W: 0.0001Lux@F1.2, 0.00001Lux@F1.2(Slow shutter, 512x)		
S/N Ratio	More than 65dB			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
OSD	English, Chinese, French, German, Russian, Spanish, Portuguese, Japanese			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR	BLC / HLC / WDR(75dB)		BLC / HLC /DWDR
White Balance	Auto Trace WB1 / Auto Trace WB2 / Manual / Auto			
Gain Control	Auto / Manual			
Noise Reduction	2D	2D / 3D		
Privacy Masking	Up to 4 areas			
Digital Zoom	N/A	Magnitude / Horizontal / Vertical		
Picture Adjustment	Mirror / Brightness / Contrast / Sharpness / Hue / Gain / Slow Shutter			
Lens				
Lens Type	Manual / Auto iris			
Mount Type	C/CS			
Auxiliary Interface				
RS485	1 Port			
General				
Power Supply	AC24V±10% / DC12V±10%			
Power Consumption	Max 6W			
Working Environment	-30℃~+60℃ / 20%~80%RH			
Dimensions(W×D×H)	64.6mm×131.3mm×61.2mm			
Weight	0.5kg			

DH-CA-F480F

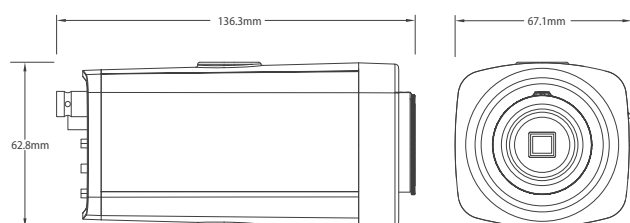
Cost-effective Camera



Features

- 1/3" SONY EXview HAD CCD II & Effio-E DSP
- High resolution of 700TVL
- DWDR, Day/Night, Auto iris, AWB, AGC, BLC, MD, Privacy Masking, Picture Adjustment
- OSD, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-CA-F480FP		DH-CA-F480FN	
Camera				
Image Sensor	1/3" EXview HAD CCD II			
Effective Pixels	976(H)×582(V), 570K pixels		976(H)×494(V), 480K pixels	
Horizontal Resolution	700TVL			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2			
S/N Ratio	More than 65dB			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
OSD	English, Chinese, French, German, Russian, Spanish, Portuguese, Japanese			
Day/Night	Auto(Electronic) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
White Balance	Auto Trace WB1 / Auto Trace WB2 / Manual / Auto			
Gain Control	Auto / Manual			
Noise Reduction	2D			
Privacy Masking	Up to 4 areas			
Picture Adjustment	Mirror / Brightness / Contrast / Sharpness / Hue / Gain			
Lens				
Focal Length	Manual / Auto iris			
Mount Type	C/CS			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2W			
Working Environment	-30°C~-+60°C / 20%~80%RH			
Dimensions(W×D×H)	67.1mm×136.3mm×62.8mm			
Weight	0.2kg			

DH-CA-DB(W)581B/DBW481B/DB(W)480B

Vandal-proof Dome Camera



DH-CA-DB480B/581B

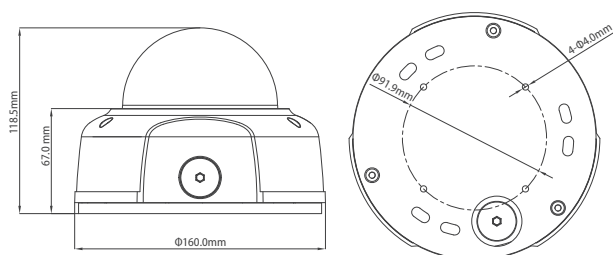
DH-CA-DBW480B/481B/581B



Features

- 1/3" SONY EXview HAD CCD II & Effio DSP(DB480B/DBW480B/DBW481B)
- 1/3" SONY Super HAD CCD II & Effio DSP(DB581B/DBW581B)
- High resolution of 700TVL
- DWDR(WDR), Day/Night(ICR), 3DNR, Auto iris, AWB, AGC,BLC, MD, DZOOM(DB581B/DBW581B), DIS(DB581B/DBW581B), Privacy Masking, Picture Adjustment
- 4~9mm vari-focal lens (2.8~12mm optional)
- Max. IR LEDs length 20m/30m, Smart IR (for IR series only)
- OSD, IK10 & IP66, DC12V(-A model: DC12V/AC24V dual power supply)

Dimensions(mm)



DH-CA-DW481B

Accessories(optional)



PFB201W

Technical Specifications

Model	DH-CA-DB480B(-A)	DH-CA-DBW480B(-A)	DH-CA-DBW481B(-A)	DH-CA-DB581B(-A)	DH-CA-DBW581B(-A)
Camera					
Image Sensor	1/3" Exview HAD CCD II			1/3" Super HAD CCD II	
Effective Pixels	PAL: 976(H)×582(V); NTSC: 976(H)×494(V)				
Horizontal Resolution	700TVL				
Electronic Shutter	1/50s(60s)~1/100,000s			1/50s(60s)~1/100,000s, 10s(8s)~1/100,000s@ Slow shutter, 512x	
Synchronization	Internal			Internal / External	
Min. Illumination	0.001Lux@F1.2 0.0014Lux@F1.4	0.005Lux@F1.2 (AGC ON), 0Lux IR on			
S/N Ratio	More than 65dB				
Video Output	1Vp-p Composite Output (75Ω/BNC)				
Camera Features					
Max. IR Length	N/A	20m, Smart IR		N/A	30m, Smart IR
OSD	English, Chinese, French, German, Russian, Spanish, Portuguese, Japanese				
Day/Night	Auto(Electronic) / Color / B/W		Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR			BLC / HLC / WDR (75dB)	
White Balance	Auto Trace WB1 / Auto Trace WB2 / Manual / Auto				
Gain Control	Auto / Manual				
Noise Reduction	2D			2D / 3D	
Privacy Masking	Up to 4 areas				Up to 15 areas
Digital Zoom	N/A			Magnitude / Horizontal / Vertical	
Picture Adjustment	Mirror / Brightness / Contrast / Sharpness / Hue / Gain /Slow Shutter				
Lens					
Focal Length	4~9mm (2.8~12mmoptional)		2.8~12mm	4~9mm (2.8~12mm optional)	2.8~12mm
Focus Control	Manual				
Lens Type	Manual / Auto Iris				
Mount Type	Φ14				
Auxiliary Interface					
RS485	N/A	1port		N/A	1port
General					
Power Supply	DC12V±10% (-A model: DC12V/AC24V dual power supply)				
Power Consumption	Max 3W	Max 4W		Max 3.5W	Max 5W
Working Environment	-30℃~-+60℃ / 20%~80%RH				
Ingress Protection	IP66				
Dimensions	Φ160mm×118.5mm				
Weight	0.98kg (-A: 1kg)				

DH-CA-D581B/DW481B/D480B

Dome Camera



DH-CA-D480B/581B

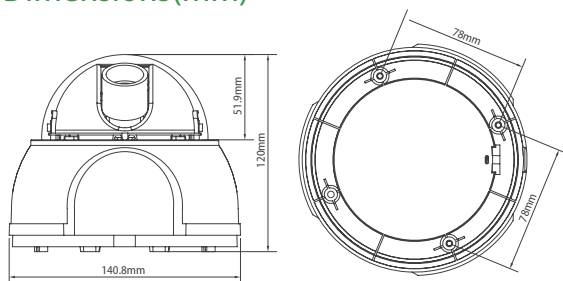
DH-CA-DW481B



Features

- 1/3" SONY EXview HAD CCD II & Effio DSP(D480B/DW481B)
- 1/3" SONY Super HAD CCD II & Effio DSP(D581B)
- High resolution of 700TVL
- DWDR(WDR), Day/Night, DNR(2D&3D), Auto iris, AWB, AGC,BLC, MD, DZOOM(D581B), DIS(D581B), Privacy Masking, Picture Adjustment
- 4~9mm vari-focal lens (2.8~12mm optional)
- Max. IR LEDs length 20m (30m), Smart IR (for IR series only)
- OSD, DC12V(-A model: DC12V/AC24V dual power supply)

Dimensions(mm)



D480B D581B

Technical Specifications

Model	DH-CA-D480B	DH-CA-D581B(-A)	DH-CA-DW481B(-A)
Camera			
Image Sensor	1/3" EXview HAD CCD II	1/3" Super HAD CCD II	1/3" EXview HAD CCD II
Effective Pixels	PAL: 976(H)×582(V); NTSC: 976(H)×494(V)		
Horizontal Resolution	700TVL		
Electronic Shutter	1/50s(60s)~1/100,000s	1/50s(60s)~1/100,000s, 10s(8s)~1/100,000s@ Slow shutter, 512x	
Synchronization	Internal		
Min. Illumination	0.001Lux@F1.2 0.0014Lux@F1.4	0.005Lux@F1.4, 0.005Lux @F1.4(Slow shutter, 512x)	0.005Lux@F1.2 (0Lux IR LED On)
S/N Ratio	More than 65dB		
Video Output	1Vp-p Composite Output (75Ω/BNC)		
Camera Features			
Max. IR Length	N/A		20m, Smart IR
OSD	English, Chinese, French, German, Russian, Spanish, Portuguese, Japanese		
Day/Night	Auto(Electronic) / Color / B/W		Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR	BLC / HLC / WDR(75dB)	BLC / HLC / DWDR
White Balance	Auto Trace WB1 / Auto Trace WB2 / Manual / Auto		
Gain Control	Auto / Manual		
Noise Reduction	2D	2D/3D	2D
Privacy Masking	Up to 4 areas		
Digital Zoom	N/A	Magnitude / Horizontal / Vertical	N/A
Picture Adjustment	Mirror / Brightness / Contrast / Sharpness / Hue / Gain / Slow Shutter		
Lens			
Focal Length	4~9mm (2.8~12mm optional)		2.8~12mm
Focus Control	Manual		
Lens Type	Manual / Auto Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10% (-A model: DC12V/AC24V dual power supply)		
Power Consumption	Max 3W	Max 3.5W	Max 4W
Working Environment	-30℃~+60℃ / 20%~80%RH		
Dimensions	Φ140.8mm×120mm		
Weight	0.4kg (-A: 0.45kg)		0.4kg (-A: 0.42kg)

DH-CA-FW480D/480H

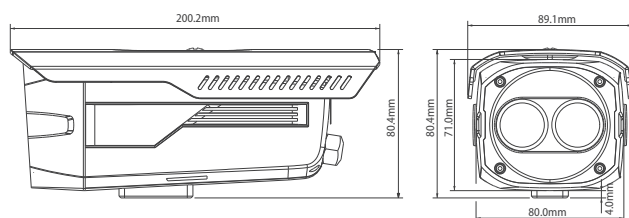
Water-proof IR Bullet Camera



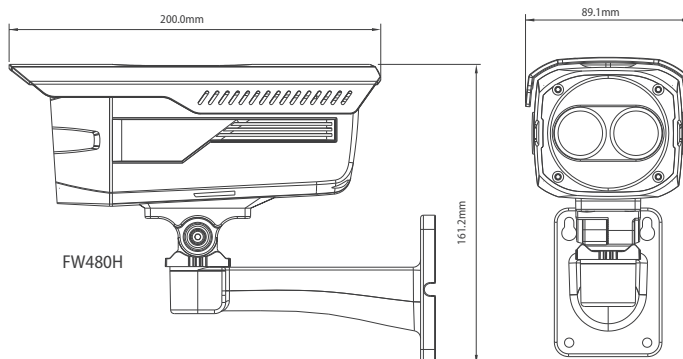
Features

- 1/3" SONY EXview HAD CCD II & Effio-E DSP
- High resolution of 700TVL
- Day/Night, AGC, AWB, BLC
- 6mm fixed lens (3.6mm, 8mm, 12mm optional)(FW480D)
- 3.6mm fixed lens (2.8mm, 6mm, 8mm, 12mm, 16mm optional)(FW480H)
- Max. IR LEDs length 50m, Smart IR
- IP66, DC12V

Dimensions(mm)



FW480D



FW480H

Accessories (optional)



Technical Specifications

Model	DH-CA-FW480D	DH-CA-FW480H
Camera		
Image Sensor	1/3" EXview HAD CCD II	
Effective Pixels	PAL: 976(H)×582(V); NTSC: 976(H)×494(V)	
Horizontal Resolution	700TVL	
Electronic Shutter	1/50s(60s)~1/100,000s	
Synchronization	Internal	
Min. Illumination	0.001Lux@F1.2(AGC ON), 0Lux IR on	
S/N Ratio	More than 65dB	
Video Output	1Vp-p Composite Output (75Ω/BNC)	
Camera Features		
Max. IR LEDs Length	50m, Smart IR	
Day/Night	Auto(Electronic) / Color / B/W	
Backlight Compensation	BLC	
White Balance	Auto	
Gain Control	Auto	
Lens		
Focal length	6mm (3.6mm, 8mm, 12mm optional)	3.6mm (2.8mm, 6mm, 8mm, 12mm,16mm optional)
Mount Type	M12	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 5.5W	
Working Environment	-30℃~-+60℃ / 20%~80%RH	
Ingress Protection	IP66	
Dimensions(W×D×H)	89.1mm×200.2mm×80.4mm	89.1mm×200.2mm×161.2mm
Weight	0.45kg	0.58kg
Others	N/A	Default: bracket included

DH-CA-DW480E

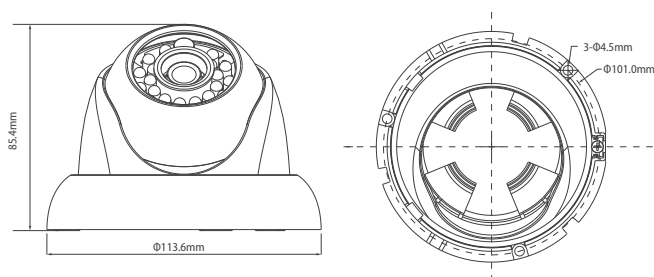
Water-proof IR Mini Dome Camera



Features

- 1/3" SONY EXview HAD CCD II & Effio-E DSP
- High resolution of 700TVL
- Day/Night, AWB, AGC, BLC
- 6mm fixed lens (2.8mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-CA-DW480EP		DH-CA-DW480EN	
Camera				
Image Sensor	1/3" EXview HAD CCD II			
Effective Pixels	976(H)×582(V), 570K pixels		976(H)×494(V), 480K pixels	
Horizontal Resolution	700TVL			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Min. Illumination	0.001Lux@F1.2(AGC ON), 0Lux IR on			
S/N Ratio	More than 65dB			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
Max. IR LEDs Length	20m, Smart IR			
Day/Night	Auto(Electronic) / Color / B/W			
Backlight Compensation	BLC			
White Balance	Auto			
Gain Control	Auto			
Lens				
Focal length	6mm (2.8mm, 3.6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 3W			
Working Environment	-30℃~-+60℃ / 20%~80%RH			
Ingress Protection	IP66			
Dimensions	Φ113.6mm×85.4mm			
Weight	0.3kg			

DH-CA-DW481M

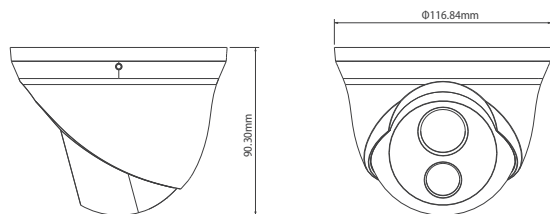
Water-proof IR Dome Camera



Features

- 1/3" SONY EXview HAD CCD II & Effio DSP
- High resolution of 700TVL
- Day/Night(ICR), AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP66, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-CA-DW481MP		DH-CA-DW481MN	
Camera				
Image Sensor	1/3" SONY EXview HAD CCD II			
Effective Pixels	976(H)×582(V), 570K pixels		976(H)×494(V), 480K pixels	
Horizontal Resolution	700TVL			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Synchronization	Internal			
Min. Illumination	0.001Lux@F1.2 (AGC ON), 0Lux IR on			
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/BNC)			
Camera Features				
Max. IR LEDs Length	30m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC			
White Balance	Auto			
Gain Control	Auto			
Lens				
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 5.2W			
Working Environment	-30°C~-+60°C / Less than 95%RH			
Ingress Protection	IP66			
Dimensions	Φ116.8mm×90.3mm			
Weight	0.45kg			

DH-CA-UM480B/580B

700TVL (WDR) Pinhole Camera



B series



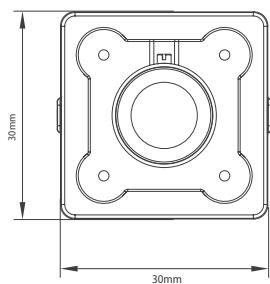
P series



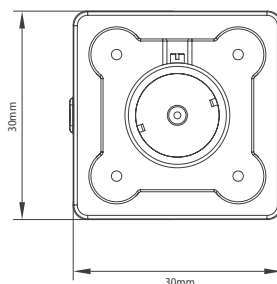
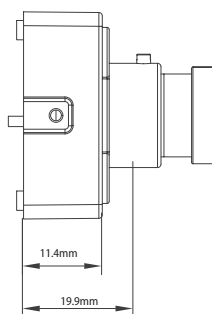
Features

- 1/3" SONY EXview HAD CCD II & Effio-E DSP (UM480B)
- 1/3" SONY Super HAD CCD II & Effio-P DSP (UM580B)
- High resolution of 700TVL
- DWDR, Day/Night, AWB, AGC, BLC, MD, Privacy Masking, Picture Adjustment (UM480B)
- WDR, Day/Night, 3DNR, AWB, AGC, BLC, MD, Privacy Masking, Picture Adjustment (UM580B)
- 3.6mm fixed lens (2.8mm optional)
- OSD, DC12V

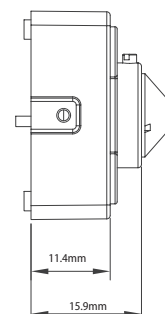
Dimensions(mm)



B series



P series



Technical Specifications

Model		CA-UM480BP	CA-UM580BP	CA-UM480BN	CA-UM580BN
Camera					
Image Sensor		CA-UM480B: 1/3" EXview HAD CCD II CA-UM580B: 1/3" SONY Super HAD CCD II			
Effective Pixels		976(H)×582(V), 570K pixels		976(H)×494(V), 480K pixels	
Horizontal Resolution		700TVL			
Electronic Shutter		1/50s~1/100,000s		1/60s~1/100,000s	
Synchronization		Internal			
Min.	CA-UM480B	0.001Lux@F1.2			
Illumination	CA-UM580B	Color: 0.001Lux@F1.2, 0.0001Lux@F1.2(Slow shutter, 512x) B/W: 0.0001Lux@F1.2, 0.00001Lux@F1.2(Slow shutter, 512x)			
S/N Ratio		More than 65dB (AGC Off)			
Video Output		1Vp-p Composite Output (75Ω/BNC)			
Camera Features					
OSD	UM480B	English, Chinese, French, German, Russian, Spanish, Portuguese, Japanese			
	UM580B	English, Chinese			
Day/Night		Auto(Electronic) / Color / B/W			
Backlight Compensation		BLC / HLC / DWDR	BLC / HLC / WDR	BLC / HLC / DWDR	BLC / HLC / WDR
White Balance		Auto Trace WB1 / Auto Trace WB2 / Manual / Auto			
Gain Control		Auto / Manual			
Noise Reduction		2D	2D / 3D	2D	2D / 3D
Privacy Masking		Up to 4 areas			
Picture Adjustment		Mirror / Brightness / Contrast / Sharpness / Hue / Gain			
Lens					
Focal length		3.6mm (2.8mm optional)			
General					
Power Supply		DC12V±10%			
Power Consumption		Max 1.5W	Max 2W	Max 1.5W	Max 2W
Working Environment		-30℃~+60℃ / 20%~80%RH			
Dimensions(W×D×H)		B series: 30mm×19.9mm×30mm			
		P series: 30mm×15.9mm×30mm			
Weight		0.05kg	0.06kg	0.05kg	0.06kg



ANALOG PTZ CAMERA

DH-SD6523E/36E/70-H

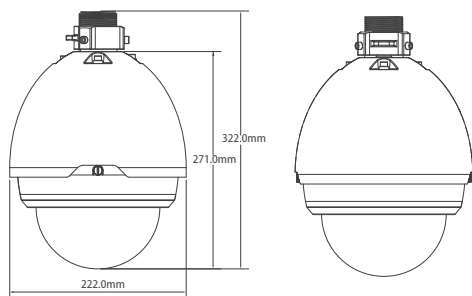
23x/36x Quick-installation PTZ Dome Camera



Features

- Powerful 23x/36x optical zoom
- High resolution@700TVL/650TVL
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 400 °/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP67, easy-installation

Dimensions (mm)



Technical Specifications

Model	DH-SD6523E-H	DH-SD6536E-H	DH-SD6570-H
Camera			
Image Sensor	1/4" Super HAD CCD II		1/3" EXview HAD CCD II
Effective Pixels	976(H)×582(V) / 976(H)×494(V)		
Horizontal Resolution	Color: 650TVL; B/W: 700TVL		Color: 700TVL; B/W: 750TVL
Scanning System	Interlacing		
Electronic Shutter Speed	1/1s ~ 1/100,000s		
Min. Illumination	Color: 0.01 Lux / F1.6 B/W: 0.001Lux / F1.6		Color: 0.001Lux / F1.6 B/W: 0.0001Lux / F1.6
S/N Ratio	More than 50dB		
Video Output	BNC (1.0Vp-p/75Ω), PAL / NTSC		
Camera Features			
Day/Night	Auto (ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D / 3D		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	3.9mm~89.7mm (23x Optical zoom)	3.4mm~122.4mm (36x Optical zoom)	3.9mm ~ 89.7mm (23x Optical zoom)
Max Aperture	F1.6~F3.7	F1.6~F4.5	F1.6~F2.7
Focus Control	Auto / Manual		
Angle of View	H: 61.68°~3.06°	H: 57.8°~1.7°	H: 57.58°~3.12°
Close Focus Distance	10mm~1000mm		
PTZ			
Pan/Tilt Range	Pan: 0°~360°endless; Tilt: -2°~90°, auto flip 180°		
Manual Control Speed	Pan: 0.1°~300°/s; Tilt: 0.1°~250°/s		
Preset Speed	Pan: 400°/s; Tilt: 300°/s		
Preset	80(DH-SD), 255(Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan		
Speed Setup	Human-oriented focal length / speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period		
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
Auxiliary Interface			
RS485	1 port		
Alarm	7/2channel In/Out		
General			
Power Supply	AC24V / 3A (±10%), DC12V optional		
Power Consumption	12W, 37W (Heater on)		
Working Environment	-40°C~60°C / Less than 90% RH		
Ingress Protection	IP67		
Vandal Resistance	IK10		
Dimensions	Φ222mm×322mm		
Weight	5.0kg		

Accessories



Accessories(optional)



DH-SD6323C/23E/36E/70-H

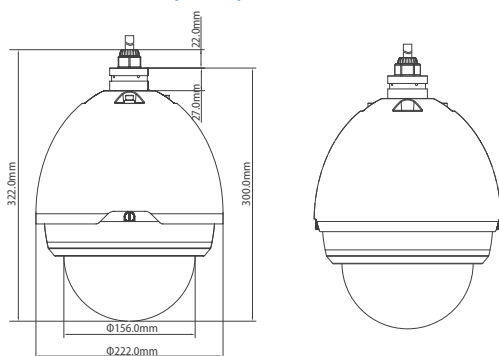
23x/36x Cost-effective PTZ Dome Camera



Features

- Powerful 23x/36x optical zoom
- High resolution@700TVL/650TVL/540TVL
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 300 °/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Support intelligent 3D positioning with DH-SD protocol
- IP66

Dimensions (mm)



Technical Specifications

Model	DH-SD6323C-H	DH-SD6323E-H	DH-SD6336E-H	DH-SD6370-H
Camera				
Image Sensor	1/4"CMOS	1/4" Super HAD CCD II		1/3" EXview HAD CCD II
Effective Pixels	640(H)×480(V)	976(H)×582(V) / 976(H)×494(V)		
Horizontal Resolution	540TVL	Color: 650TVL; B/W: 700TVL		Color: 700TVL B/W: 750TVL
Scanning System	Progressive	Interlacing		
Electronic Shutter Speed	1/50(60)s~1/100,000s	1/1s ~1/100,000s		
Min. Illumination	Color:0.5Lux / F1.6 B/W: 0.05Lux / F1.6	Color:0.01 Lux / F1.6 B/W: 0.001Lux / F1.6		Color:0.001Lux / F1.6 B/W: 0.0001Lux / F1.6
S/N Ratio	More than 50dB			
Video Output	BNC (1.0Vp-p/75Ω), PAL / NTSC			
Camera Features				
Day/Night	Auto (ICR) / Color / B/W			
Backlight Compensation	BLC	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	2D	2D / 3D		
Privacy Masking	N/A	Up to 24 areas		
Digital Zoom	N/A	16x		
Lens				
Focal Length	3.9mm~89.7mm (23xOptical zoom)	3.9mm~89.7mm (23xOptical zoom)	3.4mm~122.4mm (36x Optical zoom)	3.9mm~89.7mm (23xOptical zoom)
Max Aperture	F1.6~F3.7	F1.6~F3.7	F1.6~F4.5	F1.6~F2.7
Focus Control	Auto / Manual			
Angle of View	H: 53.5°~2.62°	H: 61.68°~3.06°	H: 57.8°~1.7°	H: 57.58°~3.12°
Close Focus Distance	100mm~1000mm	10mm~1000mm		
PTZ				
Pan/Tilt Range	Pan: 0°~360° endless; Tilt: -2°~90°, auto flip 180°			
Manual Control Speed	Pan: 0.1°~250°/s; Tilt: 0.1°~150°/s			
Preset Speed	Pan: 300°/s; Tilt: 200°/s			
Preset	80 (DH-SD) , 255 (Pelco-P/D)			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length / speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period			
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time			
Protocol	DH-SD, Pelco-P/D (Auto recognition)			
Auxiliary Interface				
RS485	1 port			
General				
Power Supply	AC24V / 3A (±10%), DC12V optional			
Power Consumption	12W, 24W (Heater on)			
Working Environment	-40℃~60℃ / Less than 90% RH			
Ingress Protection	IP66			
Vandal Resistance	IK10			
Dimensions	Φ222mm×324mm			
Weight	5.0kg			

Accessories



Accessories(optional)



DH-SD50(52C)23E/36E-H NEW

23x/36x Ultra-high Speed PTZ Dome Camera

Technical Specifications

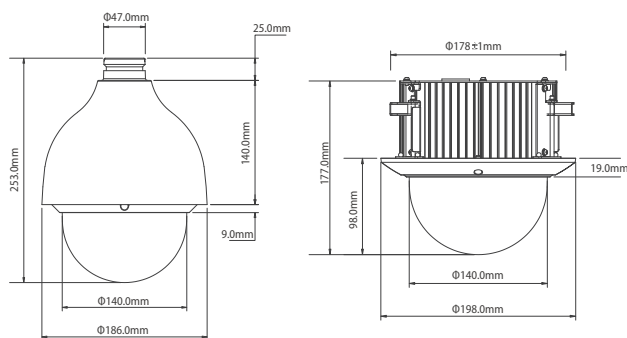
Model	DH-SD5023E-H	DH-SD52C23E-H	DH-SD5036E-H	DH-SD52C36E-H
Camera				
Image Sensor	1/4" Exview CCD II			
Effective Pixels	976(H) x 582(V)/ 976(H) x 496(V)			
Scanning System	Interlacing			
Electronic Shutter Speed	1/1 ~ 1/100,000s			
Min. Illumination	Color: 0.01 Lux/F1.6; B/W: 0.001Lux/F1.6			
S/N Ratio	More than 50dB			
Video Output	BNC (1.0Vpp/75Ω), PAL/NTSC			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)			
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	Ultra DNR (2D/3D)			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Lens				
Focal Length	3.9mm~89.7mm (23x Optical zoom)		3.4mm~125.8mm (36x Optical zoom)	
Max Aperture	F1.6~ F3.7		F1.6~ F4.5	
Focus Control	Auto / Manual			
Angle of View	61.68° ~ 3.06°		57.8° ~ 1.7°	
PTZ				
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, auto flip 180°			
Manual Control Speed	Pan: 0.1° ~350° /s; Tilt: 0.1° ~250° /s			
Preset Speed	Pan: 500° /s; Tilt: 500° /s			
Preset	300(DH-SD), 255(Pelco-P/D)			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length/ speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period			
Protocol	DH-SD, Pelco-P/D (Auto recognition)			
Auxiliary Interface				
RS485	1 Port			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC24V/1.5A (±10%)			
Power Consumption	Outdoor: 13W, 23W (Heater on) In-ceiling: 13W			
Working Environment	Outdoor: -40°C ~ 60°C / Less than 90% RH In-ceiling: -20°C ~ 60°C / Less than 90% RH			
Ingress Protection	IP67(Outdoor), IK10			
Dimensions	Outdoor: Φ186.0(mm)×253(mm) In-ceiling: Φ198(mm)×177(mm)			
Weight	Outdoor: 2.5kg In-ceiling: 2.2kg			



Features

- Powerful 23x/36x optical zoom
- High resolution@650TVL
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Max 500°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP67(Outdoor), IK10

Dimensions (mm)



Accessories



Accessories(optional)



DH-SD40/42/42C23(23C)-H

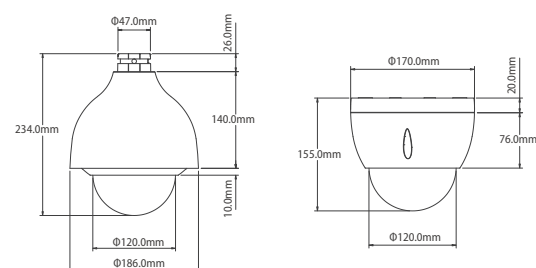
23x Mini PTZ Dome Camera



Features

- Powerful 23x optical zoom
- High resolution@650TVL (23)
High resolution@540TVL (23C)
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 300°/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP66

Dimensions (mm)



Accessories-SD4023/23C-H



Technical Specifications

Model	DH-SD4023/23C-H	DH-SD4223/23C-H	DH-SD42C23/23C-H
Camera			
Image Sensor	1/4" ExviewHAD CCD II (23) 1/4" CMOS (23C)		
Effective Pixels	976(H)×582(V) / 976(H)×494(V)(23) 640(H)×480(V) (23C)		
Horizontal Resolution	Color: 650TVL; B/W: 700TVL (23) 540TVL (23C)		
Scanning System	Interlacing (23) Progressive (23C)		
Electronic Shutter Speed	1/1s ~1/100,000s (23) 1/50(60)s ~1/100,000s (23C)		
Min. Illumination	Color: 0.01 Lux / F1.6, B/W: 0.001Lux / F1.6 (23) Color: 0.5 Lux / F1.6, B/W: 0.05Lux / F1.6 (23C)		
S/N Ratio	More than 50dB		
Video Output	BNC(1.0Vp-p/75Ω), PAL/NTSC		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR) (23) BLC (23C)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D / 3D (23) 2D (23C)		
Privacy Masking	Up to 24 areas (23)		
Digital Zoom	16x (23)		
Lens			
Focal Length	3.9 mm~89.7mm (23x Optical zoom)		
Max Aperture	F1.6~F3.7		
Focus Control	Auto / Manual		
Angle of View	61.68°~3.06°		
Close Focus Distance	100mm~1000mm		
PTZ			
Pan/Tilt Range	Pan: 0°~360°endless; Tilt: 0°~90°, auto flip 180°		
Manual Control Speed	Pan: 0.1°~250°/s; Tilt: 0.1°~150°/s		
Preset Speed	Pan:300°/s; Tilt:200°/s		
Preset	80 (DH-SD) , 255 (Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, 5Auto Scan, Auto Pan		
Speed Setup	Human-oriented focal length / speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period		
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
Auxiliary Interface			
RS485	1 port		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC24V / 1.5A (±10%), DC12V optional		
Power Consumption	12W, 27W(Heater on)	12W	
Working Environment	-40°C~60°C / Less than 90% RH	-20°C~60°C / Less than 90% RH	
Ingress Protection	IP66		N/A
Vandal Resistance	IK10		
Dimensions	Φ186mm×234mm (40)		
	Φ170mm×155mm (42)		
	Φ198mm×158mm (42C)		
Weight	2kg (40/42C)		
	1.5kg (42)		

Accessories(Optional)-SD4023/23C-H

Accessories(Optional)-SD4223/23C-H



DH-SD6A23E/36E/70-H

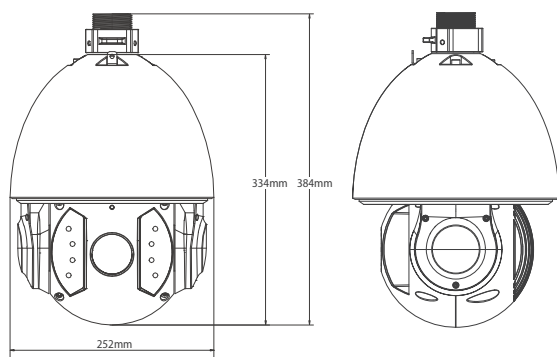
23x/36x IR PTZ Dome Camera



Features

- Powerful 23x/36x optical zoom
- High resolution@700TVL/650TVL
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 240°/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IP66, IR Distance up to 150m

Dimensions (mm)



Technical Specifications

Model	DH-SD6A23E-H	DH-SD6A36E-H	DH-SD6A70-H
Camera			
Image Sensor	1/4" Super HAD CCD II		1/3" EXview HAD CCD II
Effective Pixels	976(H)×582(V) / 976(H)×494(V)		
Horizontal Resolution	Color: 650TVL; B/W: 700TVL		Color: 700TVL B/W: 750TVL
Scanning System	Interlacing		
Electronic Shutter Speed	1/1s~1/100,000s		
Min. Illumination	Color: 0.01 Lux / F1.6 B/W: 0.001Lux / F1.6		Color:0.001Lux / F1.6 B/W: 0.0001Lux / F1.6
S/N Ratio	More than 50dB		
Video Output	BNC (1.0Vp-p/75Ω), PAL / NTSC		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D / 3D		
Privacy Masking	Up to 24 areas		
Digital Zoom	16x		
Lens			
Focal Length	3.9mm~89.7mm (23x Optical zoom)	3.4mm~122.4mm (36x Optical zoom)	3.9mm~89.7mm (23x Optical zoom)
Max Aperture	F1.6~F3.7	F1.6~F4.5	F1.6~F2.7
Focus Control	Auto / Manual		
Angle of View	H: 61.68°~3.06°	H: 57.8°~1.7°	H: 57.58°~3.12°
Close Focus Distance	100mm~1000mm		
PTZ			
Pan/Tilt Range	Pan: 0°~360°endless; Tilt: -10°~90°, auto flip 180°		
Manual Control Speed	Pan: 0.1°~200°/s; Tilt: 0.1°~120°/s		
Preset Speed	Pan: 240°/s; Tilt: 200°/s		
Preset	80 (DH-SD), 255(Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan		
Speed Setup	Human-oriented focal length/ speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period		
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
IR Distance	150m (2near IR LED+ 8far IR LED)		
Auxiliary Interface			
RS485	1 port		
Alarm	7/2channel In/Out		
General			
Power Supply	AC 24V/3A (±16%)		
Power Consumption	20W, 43W (IR on, Heater on)		
Working Environment	-40℃~70℃ / Less than 90% RH		
Ingress Protection	IP66		
Dimensions	Φ252mm×384.3mm		
Weight	6.75kg		

Accessories



Accessories(optional)



DH-SD6C23C/23E/36E/70-H

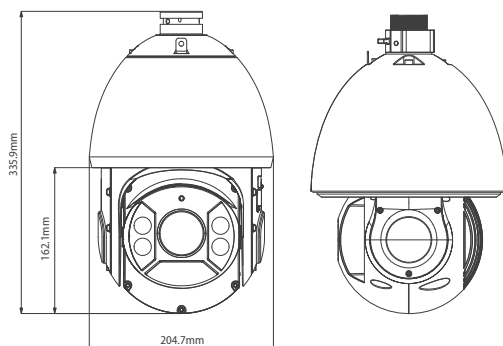
23x/36x Cost-effective IR PTZ Dome Camera



Features

- Powerful 23x/36x optical zoom
- High resolution@700TVL/650TVL/540TVL
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus
- Max 240°/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- IP66, IR distance up to 100m

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD6C23C-H	DH-SD6C23E-H	DH-SD6C36E-H	DH-SD6C70-H
Camera				
Image Sensor	1/4"CMOS	1/4" Super HAD CCD II		1/3" Exview HAD CCD II
Effective Pixels	640(H)×480(V)	976(H)×582(V) / 976(H)×494(V)		
Horizontal Resolution	Color: 540TVL	Color: 650TVL		Color: 700TVL
Scanning System	Progressive	Interlacing		
Electronic Shutter Speed	1/50(60)s~1/100,000s	1/1s ~1/100,000s		
Min. Illumination	Color: 0.5Lux / F1.6 B/W: 0Lux (IR on)	Color: 0.01 Lux / F1.6 B/W: 0Lux (IR on)		Color: 0.001Lux / F1.6 B/W: 0Lux (IR on)
S/N Ratio	More than 50dB			
Video Output	BNC (1.0Vp-p/75Ω), PAL / NTSC			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	2D	2D / 3D		
Privacy Masking	N.A.	Up to 24 areas		
Digital Zoom	N.A.	16x		
Lens				
Focal Length	3.9 mm~89.7mm; (23x Optical zoom)	3.9mm~89.7mm; (23x Optical zoom)	3.4mm~122.4mm; (36x Optical zoom)	3.9mm~89.7mm; (23x Optical zoom)
Max Aperture	F1.6~F3.7	F1.6~F3.7	F1.6~F4.5	F1.6~F2.7
Focus Control	Auto / Manual			
Angle of View	H: 53.5°~2.6°	H: 50.7°~2.5°	H: 57.8°~1.7°	H: 57.6°~3.1°
Close Focus Distance	100mm~1000mm	10mm~1000mm		
PTZ				
Pan/Tilt Range	Pan: 0°~360°endless; Tilt: -15°~90°, auto flip 180°			
Manual Control Speed	Pan: 0.1°~160°/s; Tilt: 0.1°~120°/s			
Preset Speed	Pan:240°/s; Tilt:200°/s			
Preset	80 (DH-SD) , 255 (Pelco-P/D)			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal length / speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period			
Time Task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time			
Protocol	DH-SD, Pelco-P/D (Auto recognition)			
IR Distance	100m (2near IR LED+4far IR LED)			
Auxiliary Interface				
RS485	1 port			
General				
Power Supply	AC24V /3 A (±10%), DC12V optional			
Power Consumption	15W, 28W (IR on, Heater on)			
Working Environment	-40°C~60°C / Less than 90% RH			
Ingress Protection	IP66			
Dimensions	Φ204.7mm×335.9mm			
Weight	5.0kg			

DH-SD5923C/23E/36E-H

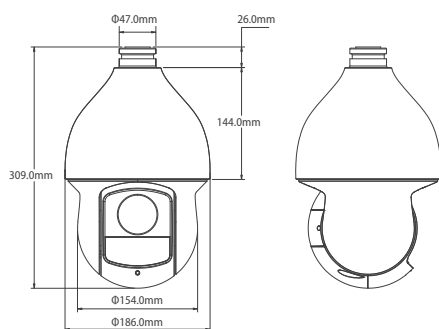
23x/36x Ultra-high Speed IR PTZ Dome Camera



Features

- Powerful 23x/36x optical zoom
- High resolution@650TVL/540TVL
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Max 400°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- IR Distance up to 100m
- IP66

Dimensions (mm)



Technical Specifications

Model	DH-SD5923C-H	DH-SD5923E-H	DH-SD5936E-H
Camera			
Image Sensor	1/4" CMOS	1/4" Exview CCD II	
Effective Pixels	640(H)×480(V)	976(H)×582(V)/ 976(H)×496(V)	
Scanning System	Progressive	Interlacing	
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.5Lux@F1.6; B/W: 0.05Lux@F1.6	Color: 0.01 Lux/F1.6,AGC ON, Slow Shutter ON B/W: 0.001Lux/F1.6,AGC ON, Slow Shutter ON	
S/N Ratio	More than 55dB		
Video Output	BNC (1.0Vpp/75Ω), PAL/NTSC		
Camera Features			
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Noise Reduction	2D	2D/3D	
Privacy Masking	NA	Up to 24 areas	
Digital Zoom	NA	16x	
Lens			
Focal Length	3.9mm~89.7mm (23x Optical zoom)	3.9mm~89.7mm (23x Optical zoom)	3.4mm~122.4mm (36x Optical zoom)
Max Aperture	F1.6~ F3.7	F1.6~ F3.7	F1.6~ F4.5
Focus Control	Auto / Manual		
Angle of View	53.5° ~ 2.6°	61.68° ~ 3.06°	57.8° ~ 1.7°
PTZ			
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°		
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s		
Preset Speed	Pan: 400° /s; Tilt: 300° /s		
Preset	300(DH-SD) , 255 (Pelco-P/D)		
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan		
Speed Setup	Human-oriented focal length/ speed adaptation		
Power up Action	Auto restore to previous PTZ and lens status after power failure		
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
IR Distance	100m		
Auxiliary Interface			
RS485	1 Port		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC24V/3A (±10%)		
Power Consumption	13W, 23W (IR on)		
Working Environment	-40℃ ~ 70℃ / Less than 90% RH		
Ingress Protection	IP66		
Dimensions	Φ186.0(mm)×309(mm)		
Weight	3.5kg		

Accessories



Accessories(optional)





DVR

DH-DVR6404LF-S

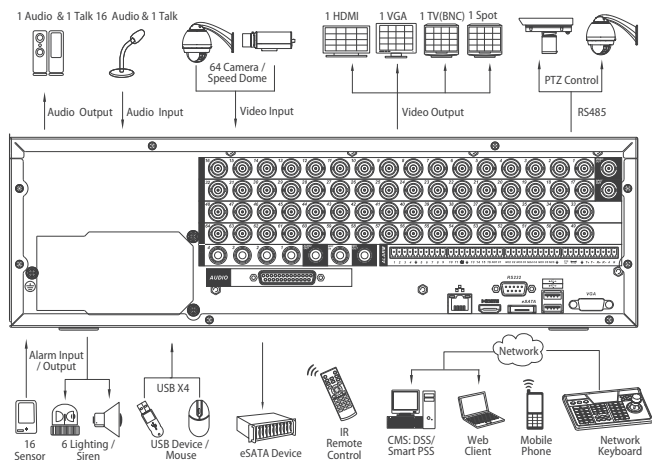
64CH 2CIF 3U Standalone DVR



Features

- Up to 64 cameras with 1080p realtime live view
- H.264 dual-stream video compression
- All channel@2CIF or every 8 channel: 1ch D1 & 7ch CIF realtime recording
- HDMI/VGA/TV/Spot simultaneous video output
- 16 channel synchronous realtime playback, Grid interface & smart search
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes DH-DVR6404LF-S as an example

Technical Specifications

Model	DH-DVR6404LF-S
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video	
Input	64 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Audio	
Input	16 channel, BNC
Output	1 channel, BNC
Two-way Talk	1 channel Input, 1 channel Output, BNC
Display	
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC
Resolution	1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
Display Split	1/4/8/9/16/25/32/64
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264/G.711
Resolution	D1/4CIF(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)
Record Rate	Main Stream: All channel 2CIF@25/30fps or every 8ch: 1ch D1 & 7ch CIF@25/30fps Sub Stream: QCIF(1~25/30fps)/CIF(1~6/7fps)
Bit Rate	48~3072Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	16 channel
Relay Output	6 channel
Playback & Backup	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
Network	
Ethernet	RJ-45 port (10/100/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	8 SATA ports, up to 32TB
External HDD	1 eSATA port, up to 16TB
Auxiliary Interface	
USB Interface	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC100V~240V, 50/60Hz
Power Consumption	45W (Without HDD)
Working Environment	-10°C ~ +55°C / 10~90%RH / 86~106kpa
Dimension(W×D×H)	3U, 439.7mm×448mm×133mm
Weight	8kg (Without HDD)

DH-DVR7824/7832S

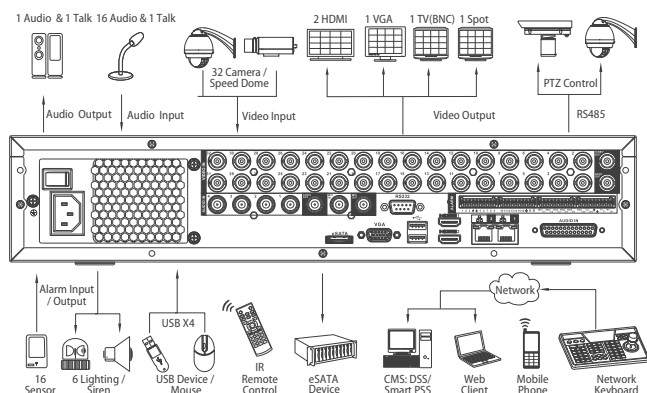
24/32CH 960H 2U Standalone DVR



Features

- Up to 24/32 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel@960H realtime recording
- Support A/D switch
- 2HDMI/VGA/TV/Spot simultaneous video output
- 16 channel simultaneous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes DVR7832S as an example

Technical Specifications

Model	DH-DVR7824S		DH-DVR7832S	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	24 channel, BNC		32 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	16 channel, BNC			
Output	1 channel, BNC			
Two-way Talk	1 channel Input , 1 channel Output, BNC			
Display				
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9/16/25		1/4/8/9/16/25/36	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main Stream:	960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra Stream	CIF/QCIF(1~25/30fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	6 channel			
Playback & Backup				
Sync Playback	1/4/9/16			
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner/eSATA Device			
Network				
Ethernet	2RJ-45 port (10/100/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	8 SATA ports(8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB			
External HDD	1 eSATA port, up to 16TB			
Auxiliary Interface				
USB Interface	4 ports(2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC100~240V,50/60Hz			
Power Consumption	40W(without HDD)			
Working Environment	-10℃ ~+55℃/10~90%RH/86~106kpa			
Dimension(W×D×H)	2U, 440mm×460mm×89mm			
Weight	6.5kg (without HDD)			

DH-DVR7424/7432L

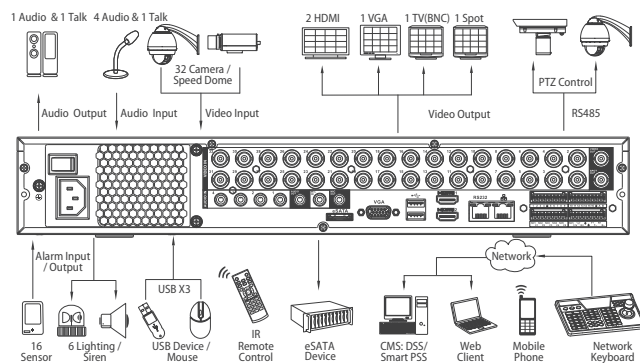
24/32CH 960H 1.5U Standalone DVR



Features

- Up to 24/32 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel@960H realtime recording
- Support A/D switch
- 2HDMI/VGA/TV/Spot simultaneous video output
- 16 channel simultaneous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes DVR7432L as an example

Technical Specifications

Model	DH-DVR7424L		DH-DVR7432L	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	24 channel, BNC		32 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	1 channel Input , 1 channel Output, RCA			
Display				
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9/16/25		1/4/8/9/16/25/36	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Sub Stream	CIF/QCIF(1~25/30fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	6 channel			
Playback & Backup				
Sync Playback	1/4/9/16			
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner/eSATA Device			
Network				
Ethernet	RJ-45 port (10/100/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	4 SATA ports(4 HDDs or 3HDDs+1 CD/DVD-RW), up to 16TB			
External HDD	1 eSATA port, up to 16TB			
Auxiliary Interface				
USB Interface	3 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC100~240V,50/60Hz			
Power Consumption	25W(without HDD)			
Working Environment	-10℃ ~+55℃/10%~90%RH/86~106kpa			
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm			
Weight	6.0kg (without HDD)			

DH-DVR7224/7232L

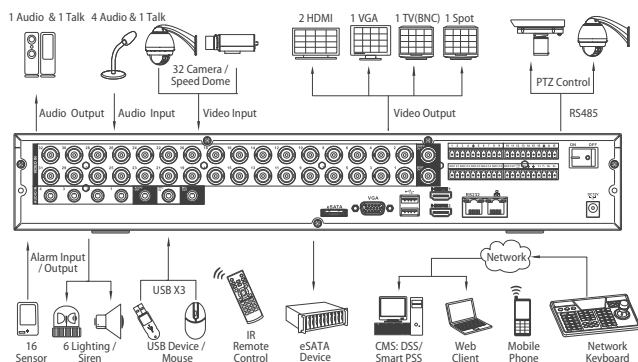
24/32CH 960H 1.5U Standalone DVR



Features

- Up to 24/32 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel@960H realtime recording
- Support A/D switch
- 2HDMI/VGA/TV/Spot simultaneous video output
- 16 channel simultaneous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDDs up to 8TB, 1 eSATA up to 16TB, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-DVR7224L		DH-DVR7232L	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	24 channel, BNC		32 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	1 channel Input , 1 channel Output, RCA			
Display				
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9/16/25		1/4/8/9/16/25/36	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main Stream:	960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra Stream	CIF/QCIF(1~25/30fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	6 channel			
Playback & Backup				
Sync Playback	1/4/9/16			
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner/eSATA Device			
Network				
Ethernet	RJ-45 port (10/100/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	2 SATA ports(2HDDs or 1HDD+1 CD/DVD-RW), up to 8TB			
External HDD	1 eSATA port, up to 16TB			
Auxiliary Interface				
USB Interface	3 ports (2 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, for PTZ control			
General				
Power Supply	DC12V/5A			
Power Consumption	15W(without HDD)			
Working Environment	-10℃ ~+55℃/10%~90%RH/86~106kpa			
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm			
Weight	5.0kg (without HDD)			

*Takes DVR7232L as an example

DH-DVR3224/3232L

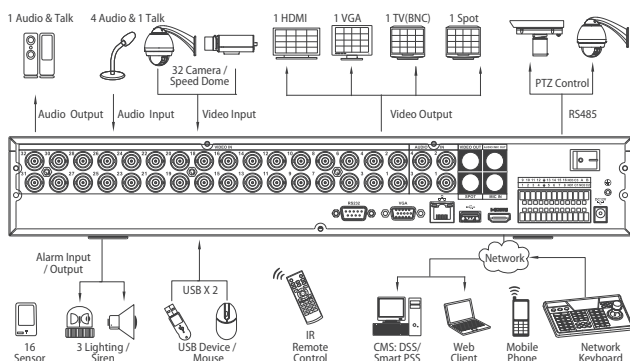
24/32CH CIF 1.5U Standalone DVR



Features

- Up to 24/32 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel@CIF realtime recording
- HDMI/VGA/TV/Spot simultaneous video output
- 16 channel simultaneous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes DVR3232L as an example

Technical Specifications

Model	DH-DVR3224L		DH-DVR3232L	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	24 channel, BNC		32 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, BNC			
Output	1 channel, BNC			
Two-way Talk	1 channel Input, 1 channel Output(Reuse the audio output channel), BNC			
Display				
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9/16/25		1/4/8/9/16/25/36	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main stream	CIF(1~25/30fps)		
	Extra stream	QCIF(1~25/30fps)/CIF(1~6/7fps)		
Bit Rate	48~1024Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	16 channel			
Relay Output	3 channel			
Playback & Backup				
Sync Playback	1/4/9/16			
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	2 SATA ports (2HDDs or 1HDDs+1CD/DVD-RW)			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/5A			
Power Consumption	15W(without HDD)			
Working Environment	-10 ~+55℃ / 10~90%RH / 86~106kpa			
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm			
Weight	5.0kg (without HDD)			

DH-DVR7016X-UH

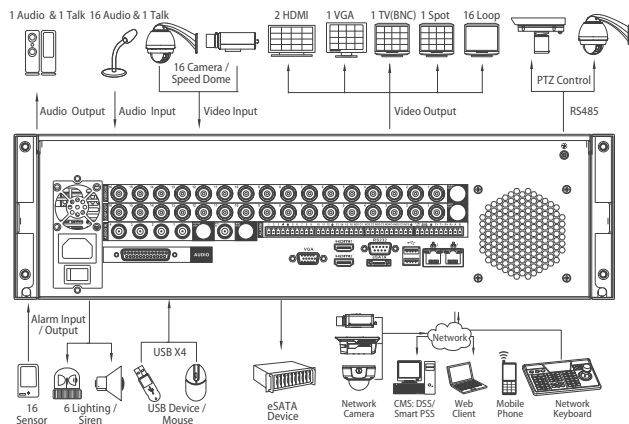
32CH 960H&IP 3U Hybrid DVR



Features

- Up to 32 cameras with 1080p realtime live view
- H.264 dual-stream video compression
- IP: Max 160Mbps bit rate incoming
Analog: 16 channel@960H realtime recording
- 2HDMI/VGA/TV/Spot simultaneous video output
- 16 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech, and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 16 SATA HDDs up to 64TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes DVR7016X-UH as an example

Technical Specifications

Model	DH-DVR7016X-UH
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video	
IP Video Input	16 channel
Analog Input	16 channel, BNC
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Loop Output	16 channel, BNC
Audio	
Input	16 channel, BNC
Output	1 channel, BNC
Two-way Talk	1 channel Input, 1 channel Output, BNC
Display	
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot, BNC
Resolution	1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
Display Split	1/4/8/9/16/25/36
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264 / MJPEG(IP)/G.711
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)
Record Rate	Main Stream: Max 160Mbps bit rate incoming Extra Stream: All channel@960H (25/30fps)
Bit Rate	IP: 48~8192 Kb/s, Analog: 48~3072Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Event	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	16 channel
Relay Output	6 channel
Playback & Backup	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
Network	
Ethernet	2RJ-45 port (10/100/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	16 SATA ports, up to 64TB
External HDD	1 eSATA port, up to 16TB
Auxiliary Interface	
USB Interface	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC100V~240V, 50/60Hz
Power Consumption	45W (Without HDD)
Working Environment	-10°C ~+55°C / 10~90%RH / 86~106kpa
Dimension(W×D×H)	3U, 439.7mm×448mm×133mm
Weight	8kg (Without HDD)

DH-DVR7808/7816S-URH

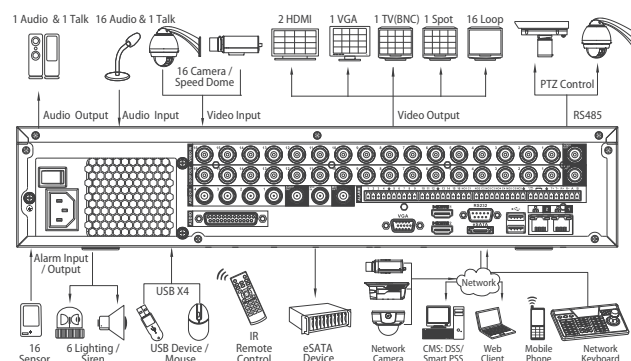
16/32CH 960H&IP 2U Hybrid DVR



Features

- Up to 16/32 channel with 1080p realtime live view
- H.264/MJPEG decoding&H.264 dual-stream encoding
- IP: Max 160Mbps incoming bandwidth
 - Analog: 16 channel@960H realtime recording
- 2HDMI/VGA/TV/Spot simultaneous video output
- 8/16 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech, and etc.
- ONVIF Version 2.3 conformance
- Support RAID0,RAID1,RAID5,RAID10
- Support hot-swap HDD
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes DVR7816S-URH as an example

Technical Specifications

Model	DH-DVR7808S-URH		DH-DVR7816S-URH
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video			
IP Video Input	8 channel	16 channel	
Analog Input	8 channel, BNC	16 channel, BNC	
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Loop Output	8 channel, BNC	16 channel, BNC	
Audio			
Input	16 channel, BNC		
Output	1 channel, BNC		
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4/8/9/16	1/4/8/9/16/25/36	
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264/MJPEG(IP)/G.711		
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480) / D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) /QCIF(176×144/176×120)		
Record Rate	IP	Max 160Mbps bit rate incoming	
	Analog	All channel@960H (25/30fps)	
Bit Rate	IP: 48~8192 Kb/s, Analog: 48~3072Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~60 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm			
Trigger Event	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	16 channel		
Relay Output	6 channel		
Playback & Backup			
Sync Playback	1/4/9/16		
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network		
Network			
Ethernet	2 RJ-45 port (10/100M/1000M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	8 SATA ports, up to 32TB		
External HDD	1 eSATA port, up to 16TB		
Auxiliary Interface			
USB Interface	4 ports (2 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	AC 100~240 V, 50/60 Hz		
Power Consumption	40W		
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	2U, 440mm×460mm×89mm		
Weight	6.5kg (without HDD)		

DH-DVR7804/7808/7816S-U

8/16/32CH 960H & IP 2U Hybrid DVR



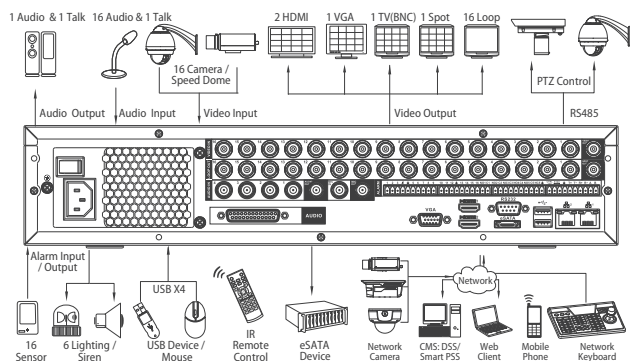
Features

- Up to 8/16/32 channel with 1080p realtime live view
- H.264/MJPEG decoding & H.264 dual-stream encoding
- IP: Max 160Mbps incoming bandwidth
 - Analog: 16 channel@960H realtime recording
- 2HDMI/VGA/TV/Spot simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech, and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

Technical Specifications

Model	DH-DVR7804S-U	DH-DVR7808S-U	DH-DVR7816S-U
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video			
IP Video Input	4 channel	8 channel	16 channel
Analog Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Loop Output	4 channel, BNC	8 channel, BNC	16 channel, BNC
Audio			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Output	1 channel, BNC		
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot, BNC		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4/8/9	1/4/8/9/16	1/4/8/9/16/25/36
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264/MJPEG(IP)/G.711		
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/		
	D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/		
Record Rate	IP Analog	2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)	
		Max 160Mbps bit rate incoming	
Bit Rate	All channel@960H (25/30fps)		
Record Mode	IP: 48~8192 Kb/s, Analog: 48~3072Kb/s		
Record Interval	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
	1~60 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm			
Trigger Event	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	6 channel		
Playback & Backup			
Sync Playback	1/4/9	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network		
Network			
Ethernet	2 RJ-45 port (10/100M/1000M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	8 SATA ports(8HDDs or 6HDDs+1 CD/DVD-RW), up to 32TB		
External HDD	1 eSATA port, up to 16TB		
Auxiliary Interface			
USB Interface	4 ports (2 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	AC 100~240 V, 50/60 Hz		
Power Consumption	40W		
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	2U, 440mm×460mm×89mm		
Weight	6.5kg (without HDD)		

System Connection



* Takes DVR7816S-U as an example

DH-DVR0404/0804/1604HF-S-E

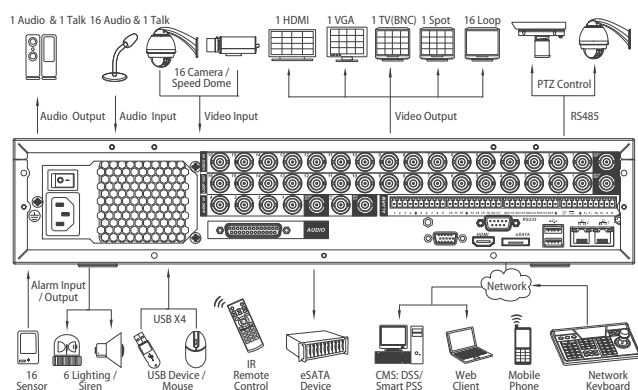
4/8/16CH 960H 2U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- IP: Max 50Mbps incoming bandwidth
Analog: 16 channel@960H realtime recording
- HDMI/VGA/TV/Spot simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech, and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes DVR1604HF-S-E as an example

Technical Specifications

Model	DH-DVR0404HF-S-E		DH-DVR0804HF-S-E		DH-DVR1604HF-S-E		
System							
Main Processor		Dual-core embedded processor					
Operating System		Embedded LINUX					
Video							
IP Video Input		4 channel		8 channel		16 channel	
Analog Input		4 channel, BNC		8 channel, BNC		16 channel, BNC	
Analog Video Standard		NTSC(525Line, 60f/s), PAL(625Line, 50f/s)					
Loop Output		4 channel, BNC		8 channel, BNC		16 channel, BNC	
Audio							
Input		4 channel, BNC		8 channel, BNC		16 channel, BNC	
Output		1 channel, BNC					
Two-way Talk		1 channel Input, 1 channel Output, BNC					
Display							
Interface		1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω)					
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768					
Display Split		1/4		1/4/8/9		1/4/8/9/16	
Privacy Masking		4 rectangular zones (each camera)					
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording					
Recording							
Video/Audio Compression		H.264/G.711					
Resolution		1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)					
Record Rate	IP	Max 50Mbps bit rate incoming					
	Analog	All channel@960H (25/30fps)					
Bit Rate		IP: 48~8192 Kb/s, Analog: 48~3072Kb/s					
Record Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop					
Record Interval		1~60min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec					
Video Detection & Alarm							
Trigger Events		Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips					
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank					
Alarm Input		4 channel		8 channel		16 channel	
Relay Output		6 channel					
Playback & Backup							
Sync Playback		1/4		1/4/9		1/4/9/16	
Search Mode		Time/Date, Alarm, MD & Exact search (accurate to second), Smart search					
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom					
Backup Mode		USB Device/eSATA Device/Internal SATA burner/Network					
Network							
Ethernet		2 RJ-45 ports (10/100M/1000M)					
Network Functions		HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P					
Max. User Access		128 users					
Smart Phone		iPhone, iPad, Android, Windows Phone					
Storage							
Internal HDD		8 SATA ports(8HDDs or 6HDDs+1 CD/DVD-RW), up to 32TB					
External HDD		1 eSATA port, up to 16TB					
Auxiliary Interface							
USB Interface		4 ports (2 Rear), USB2.0					
RS232		1 port, For PC communication & Keyboard					
RS485		1 port, For PTZ control					
General							
Power Supply		AC100~240V, 50/60Hz					
Power Consumption		40W					
Working Environment		-10 ~+55℃ / 10~90%RH / 86~106kpa					
Dimension(W×D×H)		2U, 440mm×460mm×89mm					
Weight		6.5kg (without HDD)					

DH-DVR0404/0804/1604HF-L-E

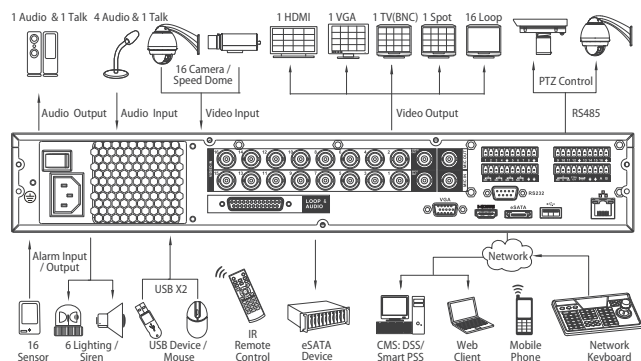
4/8/16CH 960H 1.5U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- IP: Max 50Mbps incoming bandwidth
Analog: 16 channel@960H realtime recording
- HDMI/VGA/TV/Spot simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech, and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes DVR1604HF-L-E as an example

Technical Specifications

Model	DH-DVR0404HF-L-E	DH-DVR0804HF-L-E	DH-DVR1604HF-L-E
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video			
IP Video Input	4 channel	8 channel	16 channel
Analog Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Loop Output	4 channel, BNC	8 channel, BNC	16 channel, BNC
Audio			
Input	4 channel, BNC		
Output	1 channel, BNC		
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω)		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264/G.711		
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)		
Record Rate	IP	Max 50Mbps bit rate incoming	
	Analog	All channel@960H (25/30fps)	
Bit Rate	IP: 48~8192 Kb/s, Analog: 48~3072Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	6 channel		
Playback & Backup			
Sync Playback	1/4	1/4/9	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device / eSATA Device / Internal SATA burner/ Network		
Network			
Ethernet	RJ-45 port (10/100M/1000M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	4 SATA ports(4HDDs or 3HDDs+1CD/DVD-RW),up to 16TB		
External HDD	1 eSATA port, up to 16TB		
Auxiliary Interface			
USB Interface	2 ports (1 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	AC100~240V, 50/60Hz		
Power Consumption	25W		
Working Environment	-10 ~+55℃ / 10~90%RH / 86~106kpa		
Dimension(W×D×H)	1.5U, 440mm×460mm×68mm		
Weight	6.0kg (without HDD)		

DH-DVR0404/0804/1604HF-A-E

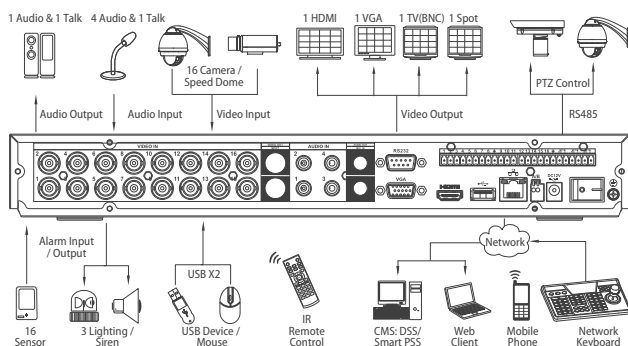
4/8/16CH 960H 1U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- IP: Max 50Mbps incoming bandwidth
Analog: 16 channel@960H realtime recording
- HDMI/VGA/TV/Spot simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech, and etc.
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Take DVR1604HF-A-E as an example

Technical Specifications

Model	DH-DVR0404HF-A-E		DH-DVR0804HF-A-E	DH-DVR1604HF-A-E
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video				
IP Video Input	4 channel	8 channel	16 channel	
Analog Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, RCA	8 channel, RCA	4 channel, RCA	
Output	1 channel, RCA			
Two-way Talk	1 channel Input, 1 channel Output(Reuse the audio output channel), RCA			
Display				
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω)			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	IP	Max 50Mbps bit rate incoming		
	Analog	All channel@960H (25/30fps)		
Bit Rate	IP: 48~8192 Kb/s, Analog: 48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel	8 channel	16 channel	
Relay Output	3 channel			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA Device			
Network				
Ethernet	RJ-45 port (10/100M/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	2 SATA ports, up to 8TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/5A			
Power Consumption	15W (without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	1U, 375mm×285mm×55mm			
Weight	2.35kg (without HDD)			

DH-DVR5804/5808/5816

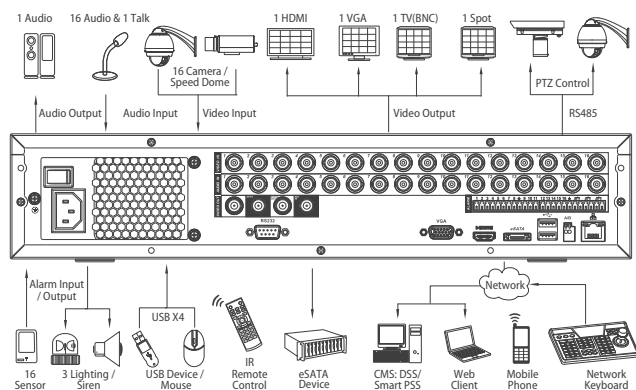
4/8/16CH 960H 2U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel@960H realtime recording
- Support A/D switch
- HDMI/VGA/TV/Spot simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Take DVR5816 as an example

Technical Specifications

Model	DH-DVR5804	DH-DVR5808	DH-DVR5816
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Output	1 channel, BNC		
Two-way Talk	1 channel Input, 1 channel Output(reuse the audio output channel), BNC		
Display			
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264/G.711		
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)		
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra Stream	QCIF(1~25/30fps)/CIF(1~6/7fps)	
Bit Rate	48~3072Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	3 channel		
Playback & Backup			
Sync Playback	1/4	1/4/9	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Network/Internal SATA burner/eSATA Device		
Network			
Ethernet	RJ-45 port (10/100M/1000M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	8 SATA ports(8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB		
External HDD	1 eSATA port, up to 16TB		
Auxiliary Interface			
USB Interface	4 ports (2 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	AC100~240V, 50/60Hz		
Power Consumption	40W		
Working Environment	-10 ~+55℃ / 10~90%RH / 86~106kpa		
Dimension(W×D×H)	2U, 440mm×460mm×89mm		
Weight	6.5kg (without HDD)		

DH-DVR5404/5408/5416

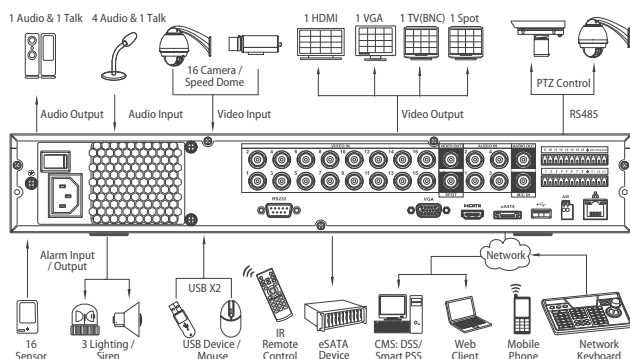
4/8/16CH 960H 1.5U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel @960H realtime recording
- Support A/D switch
- HDMI/VGA/TV/Spot simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Take DVR5416 as an example

Technical Specifications

Model	DH-DVR5404		DH-DVR5408	DH-DVR5416
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, BNC			
Output	1 channel, BNC			
Two-way Talk	1 channel Input, 1 channel Output(reuse the audio output channel), BNC			
Display				
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra Stream	QCIF(1~25/30fps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel	8 channel	16 channel	
Relay Output	3 channel			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner/eSATA Device			
Network				
Ethernet	RJ-45 port (10/100M/1000M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	4 SATA ports(4HDDs or 3HDDs+1CD/DVD-RW), up to 16TB			
External HDD	1 eSATA port, up to 16TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	AC100~240V, 50/60Hz			
Power Consumption	25W			
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa			
Dimension(W×D×H)	1.5U, 440mm×416mm×68mm			
Weight	6.0kg (without HDD)			

DH-DVR5204/5208/5216A

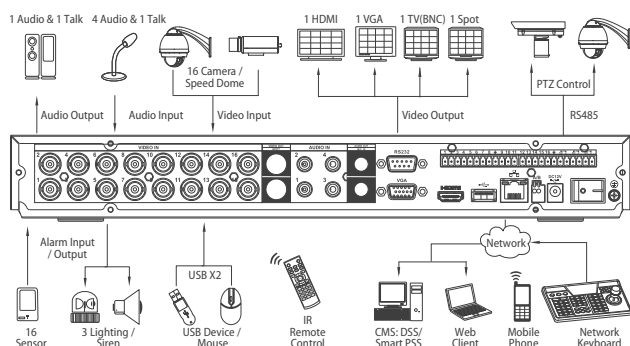
4/8/16CH 960H 1U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel @960H realtime recording
- Support A/D switch
- HDMI/VGA/TV/Spot simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Take DVR5216A as an example

Technical Specifications

Model	DH-DVR5204A	DH-DVR5208A	DH-DVR5216A
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	4 channel, RCA		
Output	1 channel, RCA		
Two-way Talk	1 channel Input, 1 channel Output(Reuse the audio output channel), RCA		
Display			
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264 / G.711		
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)		
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra Stream	QCIF(1~25/30fps)/CIF(1~6/7fps)	
Bit Rate	48~3072Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	3 channel		
Playback & Backup			
Sync Playback	1/4	1/4/9	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Network/Internal SATA burner		
Network			
Ethernet	RJ-45 port (10/100M/1000M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	2 SATA ports, up to 8TB		
Auxiliary Interface			
USB Interface	2 ports (1 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	DC12V/4A	DC12V/4A	DC12V/5A
Power Consumption	15W(without HDD)		
Working Environment	-10℃ ~+55℃/10%~90%RH/86~106kpa		
Dimension(W×D×H)	1U, 375mm×285mm×55mm		
Weight	2.35kg (without HDD)		

DH-DVR5104/5108/5116HE

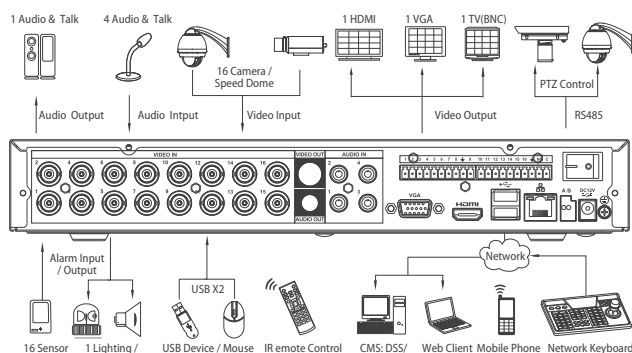
4/8/16CH 960H Mini 1U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR5104/5108/5116HE: All channel@960H realtime recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Take DVR5116HE as an example

Technical Specifications

Model	DH-DVR5104HE	DH-DVR5108HE	DH-DVR5116HE
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	4 channel, RCA		
Output	1 channel, RCA		
Two-way Talk	Reuse audio input/output channel 1		
Display			
Interface	1 HDMI, 1 VGA, 1 TV, BNC(1.0Vp-p, 75Ω)		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600		
Display Split	1/4	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264/G.711		
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)		
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra Stream	QCIF(1~25/30fps)/CIF(1~6/7fps)	
Bit Rate	48~3072Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	3 channel	3 channel	1channel
Playback & Backup			
Sync Playback	1/4	1/4/9	1/4/9/16
Search Mode	Time/Date, MD & Exact search (accurate to second)		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Network/Internal SATA burner		
Network			
Ethernet	RJ-45 port (10/100M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	1 SATA port, up to 4TB		
Auxiliary Interface			
USB Interface	2 ports (1 Rear), USB2.0		
RS485	1 port, For PTZ control		
General			
Power Supply	DC12V/2A		
Power Consumption	10W(without HDD)		
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm		
Weight	1.5kg (without HDD)		

DH-DVR5104/5108/5116H

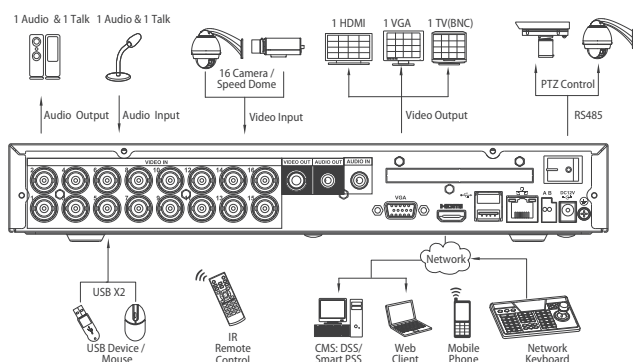
4/8/16CH 960H Mini 1U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR5104H-V2/5108H/5116H: All channel@960H realtime recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-DVR5104H-V2		DH-DVR5108H	DH-DVR5116H
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	1 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1 TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra Stream	QCIF(1~25/30fps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, SNMP ,P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W(without HDD)			
Working Environment	-10℃ ~+55℃ /10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×245mm×45mm			
Weight	1.5kg (without HDD)			

* Take DVR5116H as an example

DH-DVR5104/5108/5116C

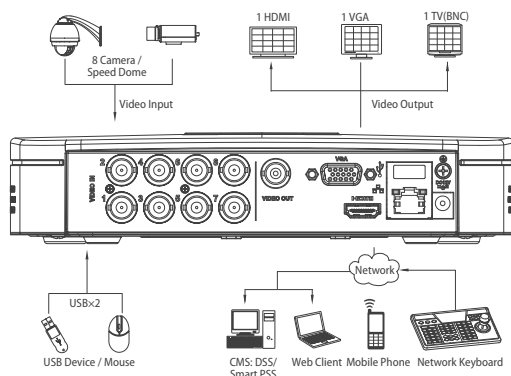
4/8/16CH 960H Smart 1U Standalone DVR



Features

- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR5104C-V2/5108C/5116C: All channel@960H realtime recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Take DVR5108C as an example

Technical Specifications

Model	DH-DVR5104C-V2	DH-DVR5108C	DH-DVR5116C
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	1 channel, RCA	N/A	N/A
Output	1 channel, RCA	N/A	N/A
Two-way Talk	Reuse audio input /output channel 1	N/A	N/A
Display			
Interface	1HDMI, 1 VGA, 1 TV		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264/G.711		
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)		
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra Stream	QCIF(1~25/30ps)/CIF(1~6/7fps)	
Bit Rate	48~3072Kb/s		
Record Mode	Manual, Schedule(Regular/Continuous), MD, Stop		
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection			
Trigger Events	Recording, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Playback & Backup			
Sync Playback	1/4	1/4/9	1/4/9/16
Search Mode	Time/Date, MD & Exact search (accurate to second)		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Network/Internal SATA burner		
Network			
Ethernet	RJ-45 port (10/100M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS FTP, IP Filter, SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	1 SATA port, up to 4TB		
Auxiliary Interface			
USB Interface	2 ports (1 Rear), USB2.0		
General			
Power Supply	DC12V/2A		
Power Consumption	10W(without HDD)		
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	205mm×205mm		270mm×205mm×40mm
Weight	0.5kg		0.75kg

DH-DVR204/504

NEW

DVR204: 4CH 2CIF Smart Box DVR / DVR504: 4CH 960H Smart Box DVR

Technical Specifications

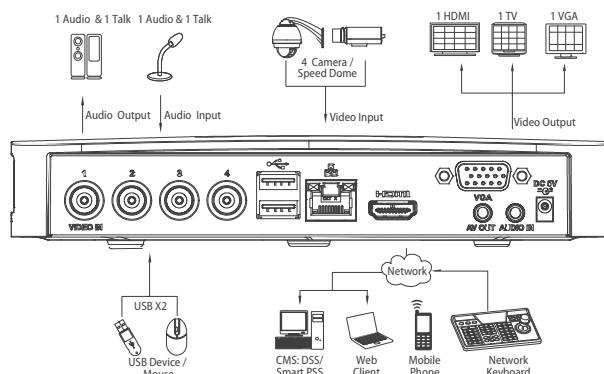
Model	DH-DVR204		DH-DVR504
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC		
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	1 channel, 3.5mm		
Output	1 channel, 3.5mm		
Two-way Talk	Reuse audio input/output channel 1		
Display			
Interface	1 HDMI, 1 VGA,1 TV		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600		
Display Split	1/4		
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264/G.711		
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/CIF(352×288/352×240) / QCIF(176×144/176×120)		
Record Rate	Main Stream	1ch@960H+1ch@D1 +2ch@CIF(1~25/30fps)	960H/D1/HD1/2CIF/CIF(1~25/30fps)
	Extra Stream	QCIF(1~25/30fps)/CIF(1~6/7fps)	
Bit Rate	48~3072Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop		
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection			
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Playback & Backup			
Sync Playback	1/4		
Search Mode	Time/Date, MD & Exact search (accurate to second)		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Internal SATA burner/Network		
Network			
Ethernet	RJ-45 port (10/100M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	1 SATA port, up to 1TB		
Auxiliary Interface			
USB Interface	2 ports(2 Rear), USB2.0		
General			
Power Supply	DC5V/2A		
Power Consumption	10W(without HDD)		
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	190mm×130mm×35mm		
Weight	300g (without HDD)		



Features

- Up to 4 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR204: All channel@2CIF realtime recording or up to 960H recording
- DVR504: All channel@960H realtime recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA(2.5-inch Removable HDD) up to 1TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes DVR204 as an example

DH-DVR2208/2216A-V2

NEW

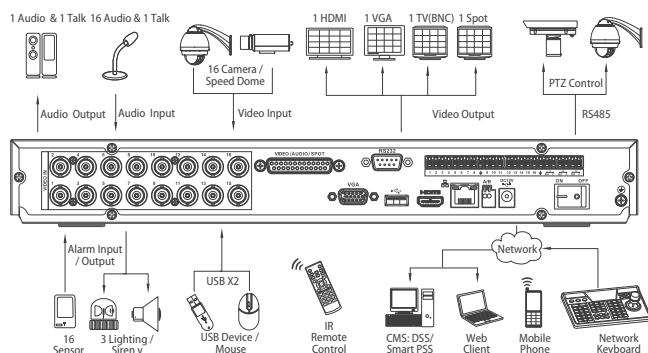
8/16CH 2CIF 1U Standalone DVR



Features

- Up to 8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR2208/2216A-V2: All channel@2CIF realtime recording or up to 960H recording
- Support A/D switch
- HDMI/VGA/TV/Spot simultaneous video output
- 8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Take DVR2216A-V2 as an example

Technical Specifications

Model	DH-DVR2208A-V2		DH-DVR2216A-V2	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	8 channel, BNC		16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	8 channel, RCA		16 channel, RCA	
Output	1 channel, RCA		1 channel, RCA	
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4/8/9		1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video Compression	H.264 / G.711			
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240) /CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main Stream	2ch@960H+6ch@CIF(1~25/30fps)		4ch@960H+12ch@CIF(1~25/30fps)
	Extra Stream	QCIF(1~25/30ps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection& Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	8 channel		16 channel	
Relay Output	3 channel			
Playback & Backup				
Sync Playback	1/4/9		1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	2 SATA ports, up to 8TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/4A			
Power Consumption	15W(without HDD)			
Working Environment	-10℃ ~+55℃/10%~90%RH/86~106kpa			
Dimension(W×D×H)	1U, 375mm×285mm×55mm			
Weight	2.35kg (without HDD)			

DH-DVR2108/2116HE-V2 NEW

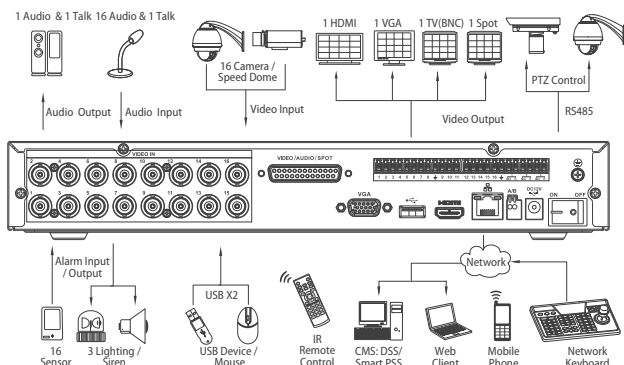
8/16CH 2CIF Mini 1U Standalone DVR



Features

- Up to 8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR2108/2116HE-V2: All channel@2CIF realtime recording or up to 960H recording
- Support A/D switch
- HDMI/VGA/TV/Spot simultaneous video output
- 8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes DVR2116HE-V2 as an example

Technical Specifications

Model	DH-DVR2108HE-V2		DH-DVR2116HE-V2	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	8 channel, BNC		16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	8 channel, RCA		16 channel, RCA	
Output	1 channel, RCA		1 channel, RCA	
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1 TV,1 Spot			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4/8/9		1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/704×480)/D1(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/ QCIF(176×144/176×120)			
Record Rate	Main Stream	2ch@960H+6ch@CIF(1~25/30fps)		4ch@960H+12ch@CIF(1~25/30fps)
	Extra Stream	QCIF(1~25/30ps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	8 channel		16 channel	
Relay Output	3 channel			
Playback & Backup				
Sync Playback	1/4/9		1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W(without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.5kg (without HDD)			

DH-DVR2104/2108/2116HE NEW

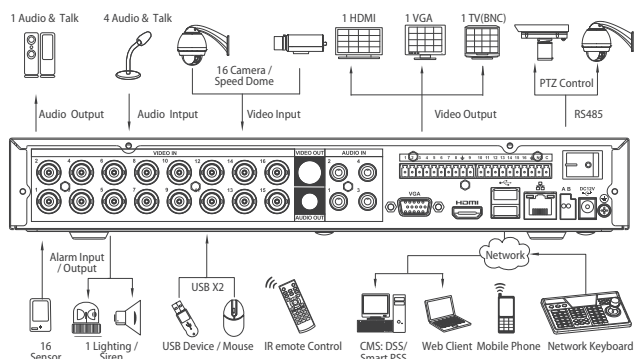
4/8/16CH 2CIF Mini 1U Standalone DVR



Features

- Up to 8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR2104/2108/2116HE: All channel@2CIF realtime recording or up to 960H recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes DVR2116HE as an example

Technical Specifications

Model	DH-DVR2104HE		DH-DVR2108HE	DH-DVR2116HE
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1 TV, BNC(1.0Vp-p, 75Ω)			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264 / G.711			
Resolution	960H(960×576/960×480)/D1(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/ QCIF(176×144/176×120)			
Record Rate	Main Stream	1ch@960H+1ch@D1 +2ch@CIF(1~25/30fps)	2ch@960H+6ch@CIF (1~25/30fps)	4ch@960H+12ch@CIF (1~25/30fps)
	Extra Stream	QCIF(1~25/30ps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel	8 channel	16 channel	
Relay Output	3 channel	3channel	1channel	
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W(without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×245mm×45mm			
Weight	1.5kg (without HDD)			

DH-DVR2104/2108/2116H-V2

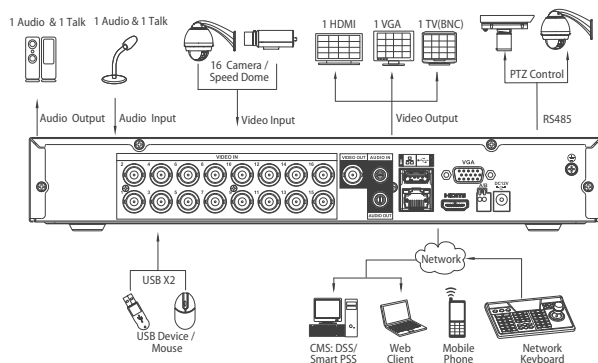
4/8/16CH 2CIF Mini 1U Standalone DVR



Features

- Up to 8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR2104/2108/2116H-V2: All channel@2CIF realtime recording or up to 960H recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-DVR2104H-V2		DH-DVR2108H-V2	DH-DVR2116H-V2
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	1 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1 TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/960×480)/D1(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/ QCIF(176×144/176×120)			
Record Rate	Main Stream	1ch@960H+1ch@D1+ 2ch@CIF(1~25/30fps)	2ch@960H+6ch@CIF (1~25/30fps)	4ch@960H+12ch@CIF (1~25/30fps)
	Extra Stream	QCIF(1~25/30ps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W(without HDD)			
Working Environment	-10℃ ~ +55℃/10% ~90%RH/86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.5kg (without HDD)			

*Takes DVR2116H-V2 as an example

DH-DVR2104/2108/2116C-V2

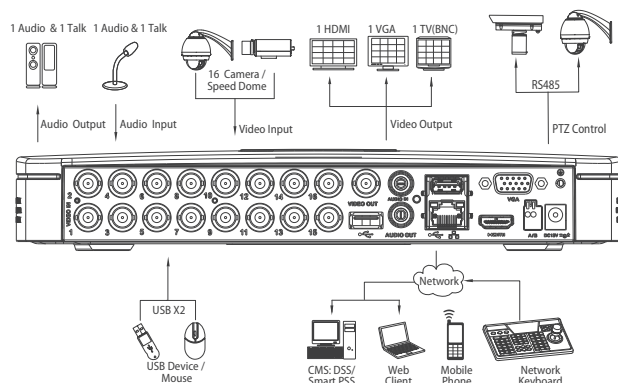
4/8/16CH 2CIF Smart 1U Standalone DVR



Features

- Up to 8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- DVR2104/2108/2116C-V2: All channel 2CIF realtime recording or up to 960H recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-DVR2104C-V2		DH-DVR2108C-V2	DH-DVR2116C-V2
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	1 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/960×480)/D1(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/ QCIF(176×144/176×120)			
Record Rate	Main Stream	1ch@960H+1ch@D1+2ch@CIF(1~25/30fps)	2ch@960H+6ch@CIF(1~25/30fps)	4ch@960H+12ch@CIF(1~25/30fps)
	Extra Stream	QCIF(1~25/30ps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports (2 Rear), USB2.0			
RS485	N/A		1 port, For PTZ control	
General				
Power Supply	DC12V/2A			
Power Consumption	10W(without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	205mm×205mm			270mm×205mm×40mm
Weight	0.5kg			0.75kg

*Takes DVR2116C-V2 as an example

DH-iDVR5104/5108/5116HE-F NEW

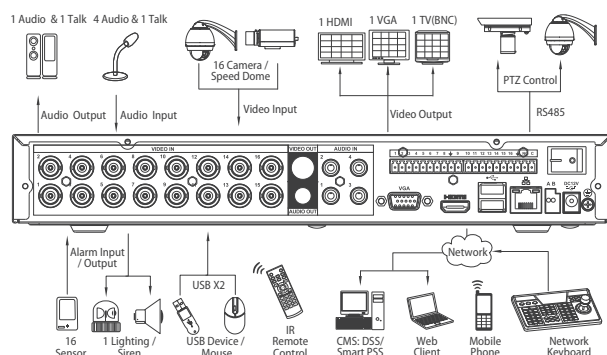
4/8/16CH 960H Mini 1U Face Detection iDVR



Features

- Support 1ch face detection, instant playback and face index playback
- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- iDVR5104/5108/5116HE-F: All channel@960H realtime recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes iDVR5116HE-F as an example

Technical Specifications

Model	DH-iDVR5104HE-F	DH-iDVR5108HE-F	DH-iDVR5116HE-F
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	4 channel, RCA		
Output	1 channel, RCA		
Two-way Talk	Reuse audio input/output channel 1		
Display			
Interface	1 HDMI, 1 VGA, 1 TV		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600		
Display Split	1/4	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264 / G.711		
Resolution	960H(960×576/704×480)/D1(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/ QCIF(176×144/176×120)		
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra Stream	QCIF(1~25/30fps)/CIF(1~6/7fps)	
Bit Rate	48~3072Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop		
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Video Push, Alarm out, Email, FTP, Spot, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	3 channel	3 channel	1channel
Playback & Backup			
Sync Playback	1/4	1/4/9	1/4/9/16
Search Mode	Time/Date, MD & Exact search (accurate to second)		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device/Network/Internal SATA burner		
Network			
Ethernet	RJ-45 port (10/100M)		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, SNMP, P2P		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	1 SATA port, up to 4TB		
Auxiliary Interface			
USB Interface	2 ports (1 Rear), USB2.0		
RS485	1 port, For PTZ control		
General			
Power Supply	DC12V/2A		
Power Consumption	10W(without HDD)		
Working Environment	-10°C ~+55°C / 10%~90%RH / 86~106kpa		
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm		
Weight	1.5kg (without HDD)		

DH-iDVR5104/5108/5116H-F NEW

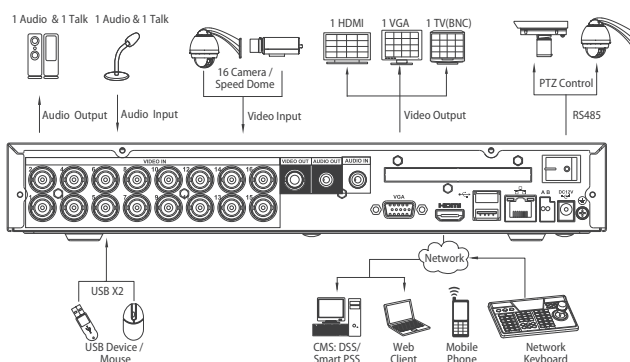
4/8/16CH 960H Mini 1U Face Detection iDVR



Features

- Support 1ch face detection, instant playback and face index playback
- Up to 4/8/16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- iDVR5104/5108/5116H-F: All channel@960H realtime recording
- Support A/D switch
- HDMI/VGA/TV simultaneous video output
- 4/8/16channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



Technical Specifications

Model	DH-iDVR5104H-F		DH-iDVR5108H-F	DH-iDVR5116H-F
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	1 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
Display				
Interface	1 HDMI, 1 VGA, 1 TV, BNC(1.0Vp-p, 75Ω)			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1/4	1/4/8/9	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Video/Audio Compression	H.264 / G.711			
Resolution	960H(960×576/704×480)/D1(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/ QCIF(176×144/176×120)			
Record Rate	Main Stream	960H/D1/HD1/2CIF/CIF(1~25/30fps)		
	Extra Stream	QCIF(1~25/30fps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection				
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Playback & Backup				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device/Network/Internal SATA burner			
Network				
Ethernet	RJ-45 port (10/100M)			
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, SNMP, P2P			
Max. User Access	128 users			
Smart Phone	iPhone, iPad, Android, Windows Phone			
Storage				
Internal HDD	1 SATA port, up to 4TB			
Auxiliary Interface				
USB Interface	2 ports (1 Rear), USB2.0			
RS485	1 port, For PTZ control			
General				
Power Supply	DC12V/2A			
Power Consumption	10W(without HDD)			
Working Environment	-10℃ ~+55℃ / 10%~90%RH / 86~106kpa			
Dimension(W×D×H)	Mini 1U, 325mm×255mm×55mm			
Weight	1.5kg (without HDD)			

*Takes iDVR5116H-F as an example



VEHICLE PRODUCTS



DH-CA-M161E/MW161E

540TVL HDIS Mobile Dome Camera



CA-MW161E

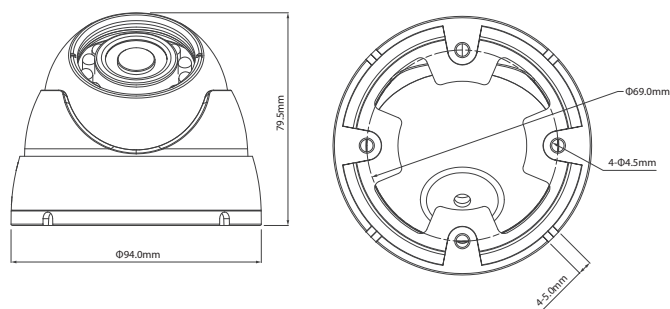
CA-M161E



Features

- 1/3.7" HDIS
- High resolution of 540TVL
- DWDR, Day/Night(ICR), AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm optional)
- Max. IR LEDs length 10m (MW161E)
- Aviation connector, shock-proof
- DC12V

Dimensions(mm)



Technical Specifications

Model	DH-CA-M161EP	DH-CA-MW161EP	DH-CA-M161EN	DH-CA-MW161EN
Camera				
Image Sensor	1/3.7" HDIS			
Effective Pixels	640(H)×480(V)			
Horizontal Resolution	540TVL			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Synchronization	Internal			
Min. Illumination	0.1Lux@F1.2(AGC ON), 0Lux IR on			
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/Aviation connector)			
Camera Features				
Max. IR LEDs Length	N/A	10m	N/A	10m
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC			
White Balance	Auto			
Gain Control	Auto			
Lens				
Focal Length	3.6mm (2.8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2W	Max 5W	Max 2W	Max 5W
Working Environment	-30℃~+60℃ / 20%~80%RH			
Ingress Protection	Φ94.0mm×74.9mm			
Dimensions	0.33kg			
Weight	Default: with Pickup			

DH-CA-D480D/DW480D

700TVL Mobile Dome Camera



DH-CA-D480D

DH-CA-DW480D



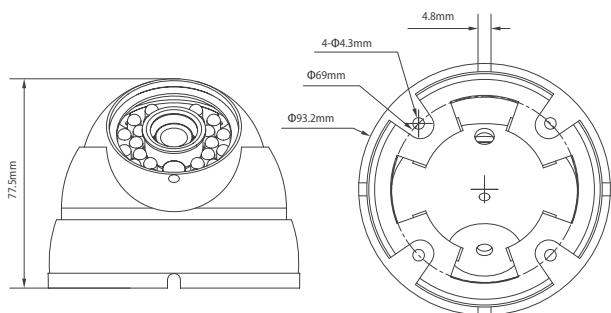
Features

- 1/3" SONY EXview HAD CCD II & Effio-E DSP
- High resolution of 700TVL
- DWDR, Day/Night, AWB, AGC, BLC
- 3.6mm fixed lens (2.8mm optional)
- Max. IR LEDs length 10m (DW480D)
- DC12V

Technical Specifications

Model	DH-CA-D480DP	DH-CA-DW480DP	DH-CA-D480DN	DH-CA-DW480DP
Camera				
Image Sensor	1/3" EXview HAD CCD II			
Effective Pixels	976(H)×582(V), 570K pixels		976(H)×494(V), 480K pixels	
Horizontal Resolution	700TVL			
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s	
Synchronization	Internal			
Min. Illumination	0.05Lux@F1.2 (D480D) 0.02Lux@F1.2(AGC ON), 0Lux IR on (DW480D)			
S/N Ratio	More than 65dB (AGC Off)			
Video Output	1Vp-p Composite Output (75Ω/Aviator connector)			
Camera Features				
Max. IR LEDs Length	N/A	10m	N/A	10m
Day/Night	Auto(Electronic) / Color / B/W			
Backlight Compensation	BLC / DWDR			
White Balance	Auto			
Gain Control	Auto			
Lens				
Focal length	3.6mm (2.8mm optional)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 2W	Max 5W	Max 2W	Max 5W
Working Environment	-30℃~-+60℃ / 20%~80%RH			
Dimensions	Φ93.2mm×77.5mm			
Weight	0.5kg			
Others	Default: with Pickup			

Dimensions(mm)



DH-CA-MW181F NEW

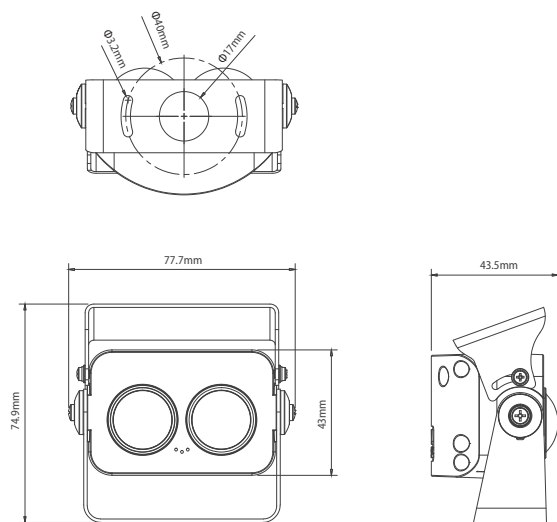
720TVL HDIS IR Mobile Camera



Features

- 1/3" HDIS
- High resolution of 720TVL
- Day/Night(ICR), AWB, AGC, BLC
- 2.1mm fixed lens (2.8mm optional)
- Max. IR LEDs length 10m
- Aviation connector, shock-proof
- IP67, DC12V

Dimensions(mm)



Technical Specifications

Model	DH-CA-MW181FP		DH-CA-MW181FN
Camera			
Image Sensor	1/3" HDIS		
Effective Pixels	960(H)×480(V)		
Horizontal Resolution	720TVL		
Electronic Shutter	1/50s~1/10,000s	1/60s~1/10,000s	
Synchronization	Internal		
Min. Illumination	0.02Lux@F1.2(AGC ON), 0Lux IR on		
S/N Ratio	More than 65dB (AGC Off)		
Video Output	1Vp-p Composite Output (75Ω/Aviation connector)		
Camera Features			
Max. IR LEDs Length	10m		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC		
White Balance	Auto		
Gain Control	Auto		
Mirror	Horizontal mirror		
Lens			
Focal Length	2.1mm (2.8mm optional)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 1.8W		
Working Environment	-40℃~+60℃ / Less than 90%RH		
Ingress Protection	74.9mm×77.7mm×43.5mm		
Dimensions	0.2kg		

DH-DVR0404ME-SC

NEW

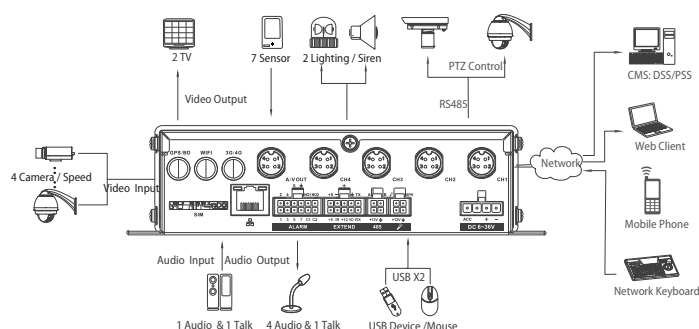
4CH Mobile Standalone DVR



Features

- Up to 4 cameras with SXGA realtime live view
- H.264 dual-stream video compression
- All channel@960H realtime recording
- TV video output
- Support 1 SD card, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Aviation connectors adopted

System Connection



Technical Specifications

Model	DH-DVR0404ME-SC
System	
Main Processor	Embedded processor
Operating System	Embedded LINUX
Video	
Input	4 channel
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Audio	
Input	4 channel
Output	1 channel
Two-way Talk	Reuse audio input/output channel 1
Display	
Interface	2 TV(aviation port)
Resolution	800x600
Display Split	1/4
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264/G.711
Resolution	960H(960×576/960×480) / D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)
Record Rate	Main Stream All channel @960H (1~25/30fps)
	Sub Stream CIF/QCIF(1~25/30fps)
Bit Rate	48~4096 Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	7 channel
Relay Output	2 channel
Playback & Backup	
Sync Playback	1/4
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/SD Card/Network
Network	
Ethernet	RJ-45 port (10/100M)
Wireless Network	optional
GPS	Built-in high accurate GPS module(optional)
Network Functions	HTTP, IPv4, TCP/IP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, FTP, IP Filter
Max. User Access	10 users
Storage	
SD Card	1 SD Card (No capacity limit)
Auxiliary Interface	
USB	2 ports (1 front, 1 rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	+6~36V
Power Consumption	<8W(without SD card)
Working Environment	-30°C ~+60°C / 10%~90%RH / 86~106kpa
Dimension(W×D×H)	160mm×138mm×48mm
Weight	1.0KG(SD Card Included)
Vibration-proof	5Hz~300Hz: X / Y / Z each direction 8 hours
	5Hz~11Hz: Vibration amplitude 10mm
	11Hz~300Hz: 50m/s ²

DH-DVR0404ME-UE

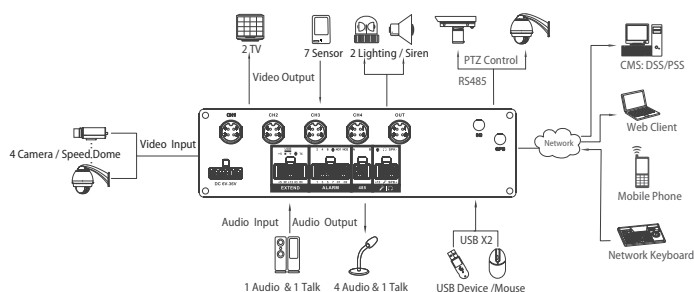
4CH Mobile Standalone DVR



Features

- Up to 4 cameras with SXGA realtime live view
- H.264 dual-stream video compression
- 1ch@960H + 3ch@CIF (1~25/30fps) realtime recording
- TV simultaneous video output
- All channel synchronous realtime playback
- Support 1 SATA HDD, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Aviation connectors adopted

System Connection



Technical Specifications

Model	DH-DVR0404ME-UE
System	
Main Processor	Embedded microprocessor
Operating System	Embedded LINUX
Video	
Input	4 channel
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Audio	
Input	4 channel
Output	1 channel
Two-way Talk	1 channel Input, 1 channel Output
Display	
Interface	2 TV
Resolution	800×600
Display Split	1/4
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264/G.711
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/ HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)
Record Rate	Main Stream 1ch@960H+ 3ch@CIF (1~25/30fps)
	Sub Stream CIF/QCIF(1~25/30fps)
Bit Rate	48~4096Kb/s
Image Quality	1~6 level(level 6 is the best, VBR effectively)
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	7 channel
Relay Output	2 channel
Playback & Backup	
Sync Playback	1/4
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network
Network	
Ethernet	RJ-45 port (10/100M)
3G	Built-in 3G module(optional)
WiFi	External WiFi module(optional)
GPS	Built-in high accurate GPS module(optional)
UPS	Support
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	1 SATA port
Auxiliary Interface	
USB	2 ports (1 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	6V~36V
Power Consumption	<8W(without HDD)
Working Environment	-10°C ~+60°C / 10%~95%RH / 86~106kpa
Dimension(W×D×H)	Front(190mm×158mm×60mm), Rear(180 mm×158 mm×50 mm)
Weight	<2.0KG(with HDD)
Vibration-proof	5Hz~300Hz: X / Y / Z each direction 8 hours
	5Hz~11Hz: Vibration amplitude 10mm
	11Hz~300Hz: 50m/s2

DH-DVR0404ME-HE

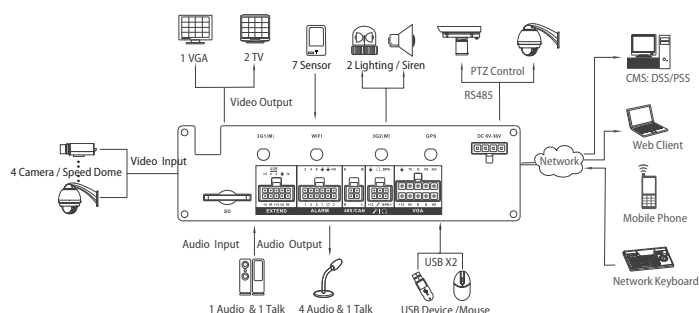
4 Channel Mobile Standalone DVR



Features

- Up to 4 cameras with SXGA realtime live view
- H.264 dual-stream video compression
- Full channel@960H realtime recording
- VGA/TV simultaneous video output
- Full channel synchronous realtime playback
- Support 1 SATA HDD, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Aviation connectors adopted

System Connection



Technical Specifications

Model	DH-DVR0404ME-HE
System	
Main Processor	Embedded microprocessor
Operating System	Embedded LINUX
Video	
Input	4 channel
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Audio	
Input	4 channel
Output	1 channel
Two-way Talk	1 channel Input, 1 channel Output
Display	
Interface	1 VGA, 2 TV
Resolution	1280×1024, 1280×720, 1024×768, 800×600
Display Split	1/4
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264/G.711
Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480) / 2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)
Record Rate	Main Stream Full channel@960H/D1(1~25/30fps)
	Sub Stream CIF/QCIF(1~25/30fps)
Bit Rate	48~4096Kb/s
Image Quality	1~6 level(level 6 is the best, VBR effectively)
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	7 channel
Relay Output	2 channel
Playback & Backup	
Sync Playback	1/4
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device / Network
Network	
Ethernet	RJ-45 port (10/100/1000M)
Wireless Network	Built-in 3G/ Wi-Fi module(optional)
GPS	Built-in high accurate GPS module(optional)
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	1 SATA port
Memory Slot	1 SD card
Auxiliary Interface	
USB	2 ports (1 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
CAN	Support
SSD	Optional(16G)
Heater	Optional
General	
Power Supply	6V~36V
Power Consumption	<15W(with HDD)
Working Environment	0°C ~+55°C / 10%~95%RH / 86~106kpa
Dimension(W×D×H)	178mm×220mm×50mm
Weight	2.1kg(with HDD)
Vibration-proof	5Hz~300Hz: X / Y / Z each direction 8 hours
	5Hz~11Hz: Vibration amplitude 10mm 11Hz~300Hz: 50m/s ²

DH-DVR0404/0804MF-H

4/8CH 2HDD Mobile Standalone DVR

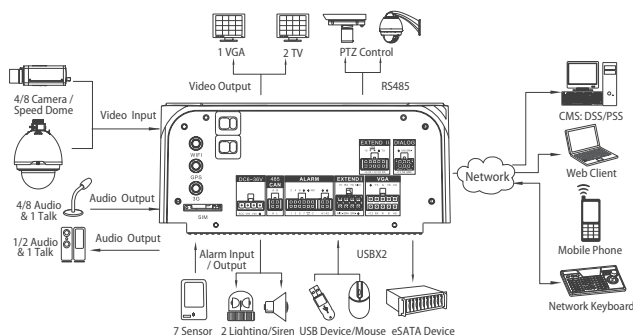
Technical Specifications



Features

- Up to 4/8 cameras with SXGA realtime live view
- H.264 dual-stream video compression
- Full channel@960H realtime recording
- VGA/TV simultaneous video output
- Support 2 SATA HDDs, 1eSATA, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Aviation connectors adopted, Aluminum alloy case

System Connection



Model	DH-DVR0404MF-H		DH-DVR0804MF-H	
System				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
Video				
Input	4 channel		8 channel	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
Audio				
Input	4 channel		8 channel	
Output	1 channel		2 channel	
Two-way Talk	1 channel Input, 1 channel Output			
Display				
Interface	1 VGA, 2 TV			
Resolution	1280x1024, 1024x768, 800x600			
Display Split	1/4		1/4/8/9	
Privacy Masking	4 rectangular zones (each camera)			
OSD	Camera title, Time, Video loss, Camera lock, Recording			
Recording				
Video/Audio Compression	H.264/G.711			
Resolution	960H(960×576/960×480)/D1(704×576/704×480) /HD1(352x288/352x240)/CIF (352×288/ 352×240)/QCIF (176×144/176×120)			
Record Rate	Main Stream	Full channel@960H/D1(1~25/30fps)		
	Sub Stream	CIF/QCIF(1~25/30fps)		
Bit Rate	48~4096Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), Alarm), Stop			
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec			
Video Detection & Alarm				
Trigger Events	Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	7 channel			
Relay Output	2 channel			
Playback & Backup				
Sync Playback	1/4		1/4/9	
Search Mode	Time/Date, Alarm & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Backup Mode	USB Device / eSATA Device / Network			
Network				
Ethernet	RJ-45 port (10/100/1000M)			
3G	optional			
WiFi	optional			
GPS	Built-in high accurate GPS module(optional)			
Network Functions	HTTP, IPv4, TCP/IP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, FTP, IP Filter			
Max. User Access	10 users			
Storage				
Internal HDD	2 SATA ports			
External HDD	1 eSATA port			
Auxiliary Interface				
USB	2 ports (1 Rear), USB2.0			
RS232	1 port, For PC communication & Keyboard			
RS485	1 port, For PTZ control			
General				
Power Supply	DC 8V~36V			
Power Consumption	≤15W			
Working Environment	-20℃~-+60℃ (Embedded Power-supply Included) / 5%~95%RH / 86~106kpa			
Dimension(W×D×H)	202mm×252mm×91mm			
Weight	3.5kg			
Vibration-proof	5Hz~300Hz: X / Y / Z each direction 8 hours			
	5Hz~11Hz: Vibration amplitude 10mm			
	11Hz~300Hz: 50m/s2			

DH-NVR0404MF

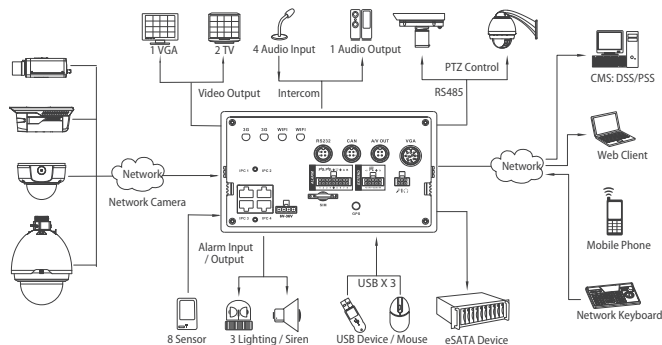
4CH PoE Mobile Network Video Recorder



Features

- Up to 4 channel 1080P cameras realtime live view
- H.264/MJPEG dual codec decoding
- 100/120fps@1080p preview & recording
- All channel synchronous realtime playback, GRID interface
- ONVIF Version 2.3 conformance
- Multi-information display and recording: Car Number, Time, Channel, GPS, Speed, support freely setting of overlay and recording
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3D intelligent positioning with Dahua PTZ camera
- Built-in module (GPS/3G/Wi-Fi optional)
- Support 2 SATA HDDs, 1 eSATA, 3 USB2.0
- 4 PoE ports, Aviation connectors
- Built-in wide voltage input module (8~36V)

System Connection



Technical Specifications

Model	DH-NVR0404MF
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video	
Input	4 channel
Audio	
Input	4 channel
Output	1 channel
Two-way Talk	1 channel Input, 1 channel Output
Display	
Interface	1 VGA, 2 TV
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264/G.711
Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)
Record Rate	100/120fps@1080P
Bit Rate	48~8192Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	8 channel
Relay Output	3 channel
Playback & Backup	
Sync Playback	1/4
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device /eSATA /Network
Network	
Ethernet	RJ-45 port (10/100/1000M)
Wireless Network	Built-in 3G/ Wi-Fi module(optional)
GPS	Built-in high accurate GPS module(optional)
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	2 SATA port
Memory Slot	1 eSATA port
Auxiliary Interface	
USB	3 ports (1 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
Memory Slot	SD card, Max.32GB
General	
Power Supply	8V~36V
Power Consumption	≤10W
Working Environment	-10°C ~+55°C / 10%~90%RH / 86~106kpa
Dimension(W×D×H)	180mm×208mm×100mm
Weight	3kg (without HDD)

DH-DVR0404AS-V(D)

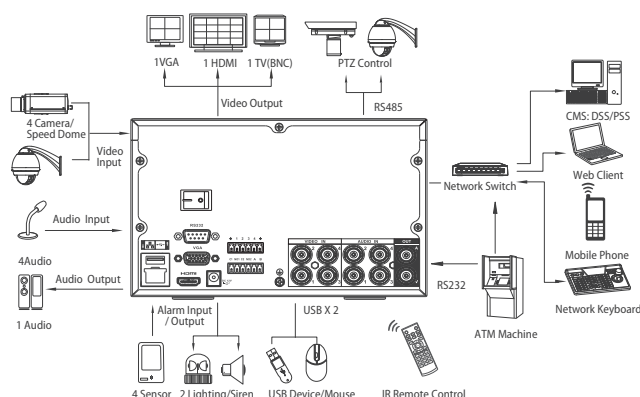
4CH 960H 2HDD ATM Standalone DVR



Features

- Up to 4 cameras with SXGA(1280×1024) display
- H.264 dual-stream video compression
- Full channel@960H realtime recording
- HDMI/VGA/TV simultaneous video output
- All channel synchronous realtime playback
- 3D intelligent positioning with Dahua PTZ dome
- Up to 2 SATA HDDs, 2 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 7 inch screen(-VD only)

System Connection



Technical Specifications

Model	DH-DVR0404AS-V		DH-DVR0404AS-VD	
System				
Main Processor		High performance embedded microprocessor		
Operating System		Embedded LINUX		
Video				
Input		4 channel, BNC		
Standard		NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio				
Input		4 channel, BNC		
Output		1 channel, BNC		
Display				
Interface		1 HDMI, 1 VGA, 1 TV, BNC		
LCD		N/A7-inch color LCD		
Resolution		1280×1024, 1280×720, 1024×768, 800×600		
Display Split		1/4		
Privacy Masking		4 self-defined four-sided zones for privacy masking for each camera		
OSD		ATM/POS information, camera title, time, video loss, camera lock, motion detection, recording		
Recording				
Video/Audio Compression		H.264/G.711		
Resolution		960H(960×576/960×480)/D1(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)		
Record Rate	Main Stream	960H/D1(1~25/30fps)		
	Sub Stream	CIF/QCIF(1~25/30fps)		
Bit Rate		48~4096Kb/s		
Record Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval		1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm				
Trigger Events		Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips		
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input		4 channel		
Relay Output		2 channel		
Playback & Backup				
Sync Playback		1/4		
Search Mode		ATM/POS, Time/Date, Alarm, Motion Detection & Exact search (accurate to second)		
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)		
Backup Mode		USB Device / Network		
Network				
Ethernet		RJ-45 port (10/100M)		
Network Functions		TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server		
Max. User Access		20 users		
Smart Phone		iPhone, iPad, Android, Windows Phone		
Storage				
Internal HDD		2 SATA ports		
Auxiliary Interface				
USB		2 ports (2 fronts), USB2.0		
RS232		1 port, For PC communication & Keyboard		
RS485		1 port, For PTZ control		
General				
Power Supply		AC 100~240 V, 50/60 Hz		
Power Consumption		18W~22W		
Working Environment		-10℃ ~+55℃ / 10~90%RH / 86~106kpa		
Dimension(W×D×H)		200mm×130mm×320mm		
Weight		3.5kg~4.5kg(without HDD)		

DH-DVR0404/0804AH-V(D)

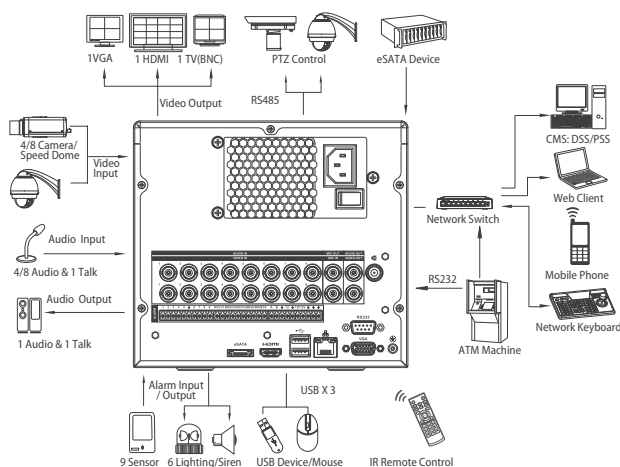
4/8CH 960H 4HDD ATM Standalone DVR



Features

- Up to 4/8 cameras with SXGA(1280×1024) display
- H.264 dual-stream video compression
- All channel@960H realtime recording
- HDMI/VGA/TV simultaneous video output
- All channel synchronous realtime playback
- 3D intelligent positioning with Dahua PTZ dome
- Up to 4 SATA HDDs, 1 eSATA, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 7 inch screen

System Connection



Technical Specifications

Model	DH-DVR0404AH-V(D)		DH-DVR0804AH-V(D)	
System				
Main Processor		High performance embedded microprocessor		
Operating System		Embedded LINUX		
Video				
Input		4 channel, BNC		8 channel, BNC
Standard		NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio				
Input		4 channel, BNC		8 channel, BNC
Output		1 channel, BNC		
Bidirectional Talk		1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)		
Display				
Interface		1 HDMI, 1 VGA, 1 TV, BNC		
LCD		7-inch color LCD		
Resolution		1280×1024, 1280×720, 1024×768, 800×600		
Display Split		1/4		1/4/8/9
Privacy Masking		4 self-defined four-sided zones for privacy masking for each camera		
OSD		ATM/POS information, camera title, time, video loss, camera lock, motion detection, recording		
Recording				
Video/Audio Compression		H.264 / G.711		
Resolution		960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)		
Record Rate	Main Stream	960H/D1(1~25/30fps),		
	Sub Stream	CIF/QCIF(1~25/30fps)		
Bit Rate		48~4096Kb/s		
Record Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval		1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm				
Trigger Events		Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips		
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input		9 channel		
Relay Output		6 channel		
Playback & Backup				
Sync Playback		1/4		1/4/9
Search Mode		ATM/POS, Time/Date, Alarm, Motion Detection & Exact search (accurate to second)		
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)		
Backup Mode		USB Device / Network /eSATA		
Network				
Ethernet		RJ-45 port (10/100/1000M)		
Network Functions		TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server		
Max. User Access		20 users		
Smart Phone		iPhone, iPad, Android, Windows Phone		
Storage				
Internal HDD		4 SATA ports		
External HDD		1 eSATA port		
Auxiliary Interface				
USB		3 ports (2 rear), USB2.0		
RS232		1 port, For PC communication & Keyboard		
RS485		1 port, For PTZ control		
General				
Power Supply		AC 100~240 V, 50/60 Hz		
Power Consumption		20W(without HDD)		
Working Environment		-10℃ ~ +55℃ / 10~90%RH / 86~106kpa		
Dimension(W×D×H)		200mm×300mm×180mm		
Weight		3.5kg-4.5kg(without HDD)		

DH-HVR0404AH-V(D)

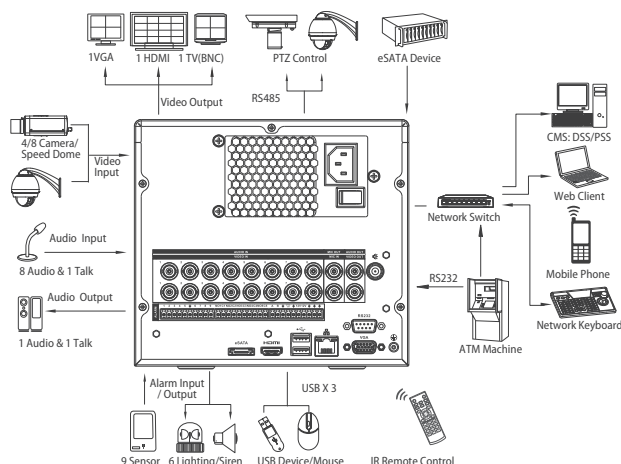
8CH 960H & IP 4HDD Hybrid ATM DVR



Features

- Up to 8 cameras with SXGA(1280×1024) display
- H.264 dual-stream video compression
- IP: Max 60fps@1080p, 120fps@720p
Analog: 4 channel@960H(960×576/960×480) realtime recording
- HDMI/VGA/TV simultaneous video output
- All channel synchronous realtime playback
- Auto IP address acquisition by IP Search function
- 3D intelligent positioning with Dahua PTZ dome
- ONVIF Version 2.3 conformance
- Up to 4 SATA HDDs, 1 eSATA, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Built-in 7 inch screen(-VD)

System Connection



Technical Specifications

Model	DH-HVR0404AH-V		DH-HVR0404AH-VD
System			
Main Processor	High performance embedded microprocessor		
Operating System	Embedded LINUX		
Video			
IP Input	4 channel		
Analog Input	4 channel, BNC		
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	8 channel, BNC		
Output	1 channel, BNC		
Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)		
Speaker	1 BNC		
Display			
Interface	1 HDMI, 1 VGA, 1 TV(BNC)		
LCD	N/A	7-inch color LCD	
Resolution	1280×1024, 1280×720, 1024×768, 800×600		
Display Split	1/4/8/9		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
OSD	ATM/POS information, camera title, time, video loss, camera lock, motion detection, recording		
Recording			
Video/Audio Compression	H.264/G.711		
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/2CIF(704×288/704×240)/CIF(352×288/352×240) / QCIF(176×144/176×120)		
Record Rate	IP	Max 120fps@720P/60fps@1080P	
	Analog	All channel@960H (25/30fps)	
Bit Rate	IP: 48~8192 Kb/s, Analog: 48~4096Kb/s		
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	9 channel		
Relay Output	6 channel		
Playback & Backup			
Sync Playback	1/4/9		
Search Mode	ATM/POS, Time/Date, Alarm, Motion Detection & Exact search (accurate to second)		
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)		
Backup Mode	USB Device/Network/eSATA		
Network			
Ethernet	RJ-45 port (10/100/1000M)		
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	4 SATA ports		
External HDD	1 eSATA port		
Auxiliary Interface			
USB	3 ports (2 rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	AC 100~240 V, 50/60 Hz		
Power Consumption	20W(without HDD)		
Working Environment	-10°C ~+55°C / 10~90%RH / 86~106kpa		
Dimension(W×D×H)	200mm×300mm×180mm		
Weight	3.5kg-4.5kg (without HDD)		

DH-NVR0404FD-S

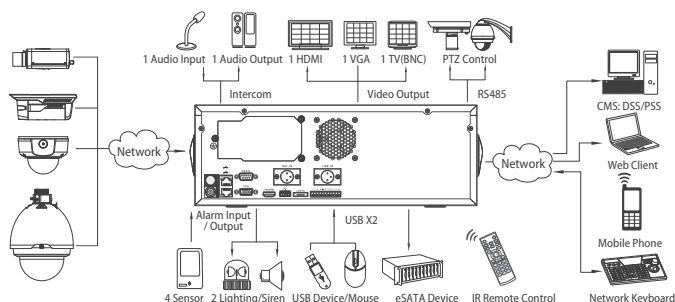
4CH Forensic Network Video Recorder



Features

- Up to 4 channel 1080P cameras realtime live view
- H.264/MJPEG dual codec decoding
- 100/120fps@1080p preview & recording
- HDMI/VGA/TV simultaneous video output
- All channel synchronous realtime playback, GRID interface
- ONVIF Version 2.3 conformance
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3D intelligent positioning with Dahua PTZ camera
- Support camera and temperature controller Info Overlay
- Support Volume Information Overlay
- Support One-press Write / Stop
- Support PIP live view display
- CD can be replaced during operation and the new CD can proceed from the spot where the previous CD stopped
- Marks can be created during writing to improve search efficiency in playback
- Support Burner Status Check
- Support 2 SATA HDDs, 2DVR, 2 USB2.0
- Built-in 7-inch touch screen LCD

System Connection



Technical Specifications

Model	DH-NVR0404FD-S
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video	
IP Camera Input	4 channel
Audio	
Two-way Talk	1 channel Input, 1 channel Output
Display	
Interface	1HDMI, 1 VGA, 1 TV
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4 / PIP
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264 / MJPEG
Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)
Record Rate	100/120fps@1080P
Bit Rate	48 ~ 8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	4 channel
Relay Output	2 channel
Playback & Backup	
Sync Playback	1/4
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device /eSATA /Network
Network	
Ethernet	2 RJ-45 ports (10/100M/1000M)
Network Function	HTTP, IPv4, TCP/IP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, FTP, IP Filter
Max. User Access	10 users
Storage	
Internal HDD	4 SATA ports(2 for DVD, 2 for SATA)
External HDD	1 eSATA port
Auxiliary Interface	
USB	2 ports, USB2.0
RS232	1 port
RS485	1 port
General	
Power Supply	AC100~ 240V
Power Consumption	≤40W(Without HDD)
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension(W×D×H)	390mm×295mm×145mm
Weight	5.5kg-6.5kg(without HDD)

DH-NVR0404FD-M

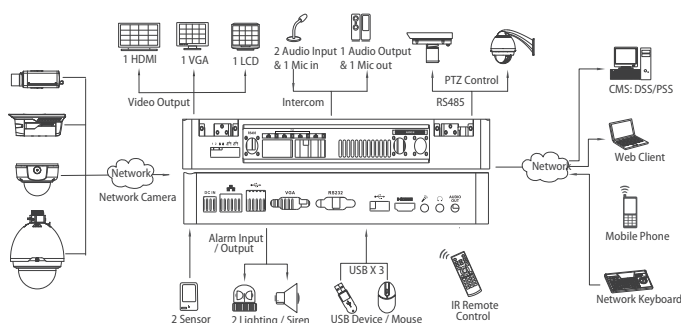
4CH Forensic Network Video Recorder



Features

- Up to 4 channel 1080P cameras realtime live view
- H.264/MJPEG dual codec decoding
- 100/120fps@1080p preview & recording
- HDMI/VGA/LCD simultaneous video output
- All channel synchronous realtime playback, GRID interface
- ONVIF Version 2.3 conformance
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3D intelligent positioning with Dahua PTZ camera
- Support camera and temperature controller Info Overlay
- Support Volume Information Overlay
- Support One-press Write / Stop
- Support PIP live view display
- CD can be replaced during operation and the new CD can proceed from the spot where the previous CD stopped
- Marks can be created during writing to improve search efficiency in playback
- Support Burner Status Check
- Support 1 SATA HDD, 2 DVD, 3 USB2.0
- Built-in 13.3-inch touch screen LCD

System Connection



Technical Specifications

Model	DH-NVR0404FD-M
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video	
IP Camera Input	4 channel (Support PoE)
Audio	
Audio input	2 channel(aviation port)
Audio output	1 channel(standard 3.5mm audio port)
Two-way Talk	1 channel Input, 1 channel Output(standard 3.5mm audio port)
Display	
Interface	1HDMI, 1 VGA, 1 LCD
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4 / PIP
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264/G.711
Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)
Record Rate	100/120fps@1080P
Bit Rate	48 ~ 8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	2 channel
Relay Output	2 channel
Playback & Backup	
Sync Playback	1/4
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network
Network	
Ethernet	1 RJ-45 ports (10/100M/1000M)
PoE	4 ports
Network Function	HTTP, IPv4, TCP/IP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, FTP, IP Filter
Max. User Access	10 users
Storage	
Internal HDD	1 HDD(2.5 inch)
Internal DVD	2 DVD driver
Auxiliary Interface	
USB	3 ports, USB2.0
RS232	1 port
RS485	1 port
General	
Power Supply	DC 19V/4.74A
Power Consumption	≤40W(With HDD)
Working Environment	0 ~ +55℃ / 10~90%RH / 86~106kpa
Dimension(W×D×H)	339mm×240mm×47.8mm
Weight	5.5kg~6.5kg (with HDD and DVD driver)

DH-MPT300

HD Portable Video Recorder



Features

- H.264 dual-stream video compression
- Up to 30fps@1080P/720P/VGA/QVGA resolution recording
- Support “one-button” to start record, take photos, alarm and PTT
- HD LCD; Support touchscreen
- Support hot-swap SD card storage
- High-capacity rechargeable polymer battery adopted; Support energy-saving working mode
- Optional wireless access(4G TD-LTE, Wi-Fi, WCDMA, EVDO, PDD)
- Support Global Positioning System (GPS)
- Support Bluetooth, fingerprint identification, license plate recognition
- ASF video file system; Support play on the universal player
- Individual portable audio & video recorder designed for particular fields or departments, such as police, military, urban management, forensic, customs, industry and commerce, insurance, energy resources and etc

Technical Specifications

Model	DH-MPT300
System	
Main Processor	1.5G dual core CPU
Operating System	Android 4.0
Lens	
Focal Length	3.85mm
Wide-angle	72.9°±2°
Aperture	F2.2
Auto Focus / AWB	AUTO
Video	
Compression	H.264
Record Resolution	30fps@1080P/720P/VGA/QVGA
Snapshot	Support; Max. resolution:3264*2448
Audio	
Compression	AMR
Two-way talk	1.5W loudspeakers, support PTT
LCD	LCD
Dimension	4.0 inch TFT LCD, support touch screen
Resolution	854*480
Brightness	Automatic control
Battery	
Capacity	4000mAh
Standby Time	≥48 h
Charging Time	4~6h
Battery Capacity Threshold Alarm	When battery left power capacity is less than 14%, the buzzer begins beeping regularly to alert you to recharge.
LCD Power Management	System can automatically shut down LCD power after the MPT stopped operation for specified time such as ten seconds (adjustable)
Installation	Build-in, replaceable
Network	
Wireless Access	Wi-Fi, WCDMA, EVDO, 4G TD-LTE, PDD, Bluetooth(optional)
Positioning system	GPS
Storage	
Flash	16G/32G(optional)
SD Card	Support SD1.0; SD1.1; SD2.0 standard, up to 32GB
TF Card	Support TF card to expand storage
Auxiliary Interface	
Display Interface	1 HDMI
USB Interface	MiniUSB2.0 high-speed interface
Headphone Interface	3.5mm
Extended Interface	Support RS232, external camera access
General	
Dimension(W×D×H)	151 mm× 73 mm× 29mm
Weight	340g
Ingress Protection	IP67
Working Environment	-10°C ~+55°C / 10%~90%RH

VIDEO-WALL



DHL22

22" Full-HD LCD Monitor



Features

- Industrial level DID LCD panel with LED backlight provides lifespan of 50,000hr
- 5.8 ms response time, no tail in the picture
- FHD 1920×1080 display resolution makes perfect and vivid picture
- Multiple video source input
- Using the latest 3D image digital processing circuit, clear image, wide perspective
- Black level extension self-adapting function to enhance the image depth layering
- Auto Motion-blur elimination to extend LCD lifespan
- Remote control, button, software triple control, support for remote startup or shutdown
- Support Point-to-Point remote control, solve the multiple large-screen video wall control perfectly
- Plastic shell mold design, beautiful light
- Built-in high performance power supply with low power consumption
- Support external power supply

Technical Specifications

Model	DHL22
System	
Diagonal	22"(16:9)
Type	TFT-LCD(HD)
Backlight	LED
Resolution	1920×1080
Dot Pitch	0.248(H)×0.248(V)
Luminance(Standard)	250cd/ m ²
Contrast	1000:1
Angle of view	178°/178° (vertical / horizontal)
Response Time(Grey Scale)	5.8ms
Video & Audio Interface	
Video Input	CVBS(BNC)×2 S-video×1
Video Output	CVBS(BNC)×1
PC Signal	VGA(D-Sub)×1
Digital Signal	HDMI×1(1920×1080), downward compatible
Audio Input	Audio Input x 1(optional)
Audio Output	Audio Output×1(optional)
General	
Power Consumption (Standard)	30W
Power Consumption (Maximum)	40W
Power Consumption (Standby)	≤1W
Power Supply	AC100-240V~(+/-10%), 50/60 Hz
Control Mode	Infrared remote control, Button control
Bezel Color	Black
Gross Weight	13.4kg
Unit Dimensions(mm)	546.0×60.0×360.0(Base excluded)
Active Screen area(mm)	476.64×268.11
Package Dimensions(mm)	630×220×490
Frame Depth (mm)	40.0
Enclosure material	Plastic
Installation Mode (all optional)	Base*, Wall-mounted*, TV-Wall*
Protective Glass/ Touch Screen	Optional
Working Temperature	0℃~50℃
Working Humidity	50%~80%
Stock Temperature	-20℃~60℃
Average Lifespan	50,000 hours
Features	Built-in industrial fan
	Built-in stereo speakers
	Spare DC 12V
	Control: Panel Keys / IR remote control

Note: *means optional fitting, remote control is optional

DHL27/DHL32

27" /32" Full-HD/HD LCD Monitor



Features

- Industrial Level DID LCD panel, suitable for 7*24 continuous works.
- High contrast and high brightness greatly enhance the video layer, and present the details of the video.
- High fidelity digital processing, brilliant and vivid video
- Build-in 3D COMB filter and 3D Noise Reduction
- Auto Motion-blur elimination to extend LCD lifespan
- Abundant interfaces, support video loop
- Remote control, software dual control, support remote PC centralized control
- Support Point-to-Point remote control, solve the multiple large-screen video wall control perfectly
- Intelligent brightness control, energy saving
- Using Tamper-proof metal housing, no radiation
- Professional thermal design to extend equipment lifespan
- Built-in power, low energy consumption, ultra-quiet

Technical Specifications

Model	DHL32	DHL27
System		
Diagonal	32"(16:9)	27"(16:9)
Type	S-PVA(HD)	TFT(FHD)
Backlight	CCFL	LED
Resolution	1366×768	1920×1080
Dot Pitch	0.51075(H)×0.51075(V)	0.31125(H)×0.31125(V)
Luminance(Standard)	450 cd/㎡	
Contract	3000:1	
Angle of view	178/178	
Response Time(Grey Scale)	8ms	12ms
Video & Audio		
Video Input	CVBS(BNC)×2	
PC Signal	VGA(D-Sub)×1	
Digital Signal	DVI×1 [1080P(1920×1080), downward compatible] HDMI×1 [1080P(1920×1080), downward compatible]	
Audio Input	—	
Audio Output	—	
Loop Out	CVBS(BNC)×2	
General		
Power Consumption (Standard)	50W	24W
Power Consumption (Maximum)	80W	30W
Power Consumption (Standby)	≤1W	
Power Supply	AC100-240V~(+/-10%),50/60 Hz	
Control Mode	RS232 Serial control, all way loop, infrared remote control	
Bezel Color	Black	
Gross Weight	17.6kg	7.0kg
Unit Dimensions(mm)	789.0×484.0×58.2	669.0×408.0×42.7
Active Screen area(mm)	697.68×392.26	598.0×337.0
Package Dimensions(mm)	890×590×256	690×480×256
Frame Depth (mm)	45.0	40.0
Enclosure material	Metal	
Installation Mode (all optional)	Base*, Wall-mounted*, TV-Wall*, Ceiling*	
Protective Glass/ Touch Screen	Optional	
Working Temperature	0℃~50℃	
Working Humidity	20%~90%	
Stock Temperature	-20℃~60℃	
Average Lifespan	50, 000 hours	

Note: *means ptional fitting

DHL39/DHL46

39"/46" Full-HD LCD Monitor



Features

- Industrial Level DID LCD panel, suitable for 7*24 continuous works.
- High contrast and high brightness greatly enhance the video layer, and present the details of the video
- FHD 1920×1080 resolution, brilliant and vivid video
- Build-in 3D COMB filter and 3D Noise Reduction
- Auto Motion-blur elimination to extend LCD lifespan
- Abundant interfaces, support video loop
- Remote control, software dual control, support remote PC centralized control
- Support Point-to-Point remote control, solve the multiple large-screen video wall control perfectly
- Intelligent brightness control, energy saving
- Using Tamper-proof metal housing, no radiation
- Professional thermal design to extend equipment lifespan
- Built-in power, low energy consumption, ultra-quiet

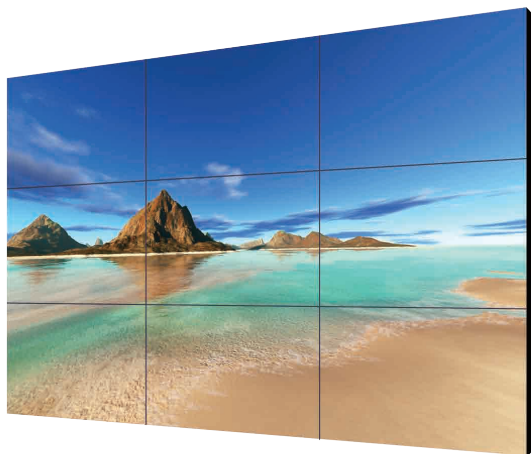
Technical Specifications

Model	DHL46	DHL39
System		
Diagonal	46"(16:9)	39"(16:9)
Type	S-PVA(HD)	TFT(FHD)
Backlight	CCFL	LED
Resolution	1920×1080	
Dot Pitch	0.53025(H)×0.53025(V)	0.14825(H)×0.14825(V)
Luminance(Standard)	450 cd/ m ²	600cd/ m ²
Contract	3000:1	3500:1
Dynamic Contrast Ratio	N/A	
Angle of view	178/178	176°/176°
Response Time(Grey Scale)	8ms	9.5ms
Video & Audio		
Video Input	CVBS(BNC)×2	
PC Signal	VGA(D-Sub)×1	
Digital Signal	DVI×1 [1080P(1920×1080), downward compatible] HDMI×1 [1080P(1920×1080), downward compatible]	
Audio Input	—	
Audio Output	—	
Loop Out	CVBS(BNC)×2	
General		
Power Consumption (Standard)	150W	120W
Power Consumption (Maximum)	180W	150W
Power Consumption (Standby)	≤1W	
Power Supply	AC100-240V~(+/-10%),50/60 Hz	
Control Mode	RS232 Serial control, all way loop, infrared remote control	
Bezel Color	Black	
Gross Weight	30.6kg	15.2kg
Unit Dimensions(mm)	1110.0×664.0×64.7	927.0×553.0×48.7
Active Screen area(mm)	1018.08×572.67	856.0×487.0
Package Dimensions(mm)	1115×753×310	1085×703×310
Frame Depth (mm)	45.0	
Enclosure material	Metal	
Installation Mode (all optional)	Base*, Wall-mounted*, TV-Wall*, Ceiling*	
Protective Glass/ Touch Screen	Optional	
Working Temperature	0 C ~50 C	
Working Humidity	20%~90%	
Stock Temperature	-20 C ~60 C	
Average Lifespan	50, 000 hours	

Note: *means optional fitting

DHL460UTS-E/460UT-E/550UTS-E/550UT-E

46" Full-HD LCD Display Unit



Features

- Industrial Level DID LCD panel, suitable for 7×24 continuous works
- Ultra-narrow side LCD patchwork
- High contrast and high brightness greatly enhance the video layer, and present the details of the video
- High fidelity digital, brilliant and vivid video
- Build-in 3D COMB filter and 3D Noise Reduction
- Abundant interfaces, support video loop
- Built-in picture splicing function
- Infrared, RS232 double mode, supporting remote PC control
- Fan smart detection, OSD prompt
- Brightness smart detection, power-saving
- Using Tamper-proof metal housing, no radiation
- Professional thermal design to extend equipment lifespan
- Built-in power, low energy consumption, ultra-quiet
- Fast stack installation, professional project design, supporting arc-shaped mounting
- Widely used in MCC(monitor command center), Dispatching Platform, Safety City

Technical Specifications

Model	DHL460UTS-E	DHL460UT-E	DHL550UTS-E	DHL550UT-E
System				
Diagonal	46"(16:9)		55"(16:9)	
Type	S-PVA(FHD)			
Resolution	1920×1080			
Dot Pitch	0.53025(H)×0.53025(V)		0.63(H)×0.63(V)	
Physical seam	5.7mm (Upper left:3.8 Lower right:1.9)			
Optical seam	5.9mm			
Backlight	LED			
Brightness(Standard)	450 cd/m'	700 cd/m'	450 cd/m'	700 cd/m'
Contract	3500:1			
Angle of view	178/178			
Response Time(Grey Scale)	8ms			
Video & Audio				
Video Input	CVBS(BNC)×2			
PC Signal	VGA(D-Sub)×1			
Digital Signal	DVI×1 [1080P(1920×1080), downward compatible]			
	HDMI×1 [1080P(1920×1080), downward compatible]			
Audio Input	N/A			
Audio Output	N/A			
Loop Out	CVBS(BNC)×2			
General				
Consumption (Standard)	110W	133W	130W	150W
Consumption (Standby)	≤1W			
Power Supply	AC100-240V~(+/-10%), 50/60 Hz			
Cooling System	Industrial Cooling Fan			
Control Mode	RS232 serial control, all way loop, infrared remote control			
Frame Color	Black			
Case Material	Metal			
Weight	22.5kg		46kg	
Unit Dimension(mm)	1024×579×245		1215.3×686.1×245	
Display Area(mm)	1018×573		1209.6×680.4	
Package Dimension (mm)	1235×820×460		1335×900×460	
MTBF	50,000 hours			
Work Environment	Temperature: 0℃~50℃			
	Humidity: 20%~95%			
	Altitude: 0-23000ft			
Storage Environment	Temperature: -25℃~70℃			
	Humidity: 60%~75%			
	Altitude: 0-43000ft			
Features	Double-sided physical seam 5.7mm			
	Build-in industrial level fan			
	High and low current are installed respectively			
	Infrared remote control			
	Remote PC centralized control			

DH-M30

Video Wall Controller



Features

Hardware Structure

- 3U 19" Standard industry box
- Support up to 9 video-wall display units, support configuration of 2×2, 2×3, 2×4, 3×3
- Hot-swappable function cards, easy for maintenance

Video Input

- Local Video: Support CVBS/VGA/DVI/HDMI/HD-SDI input
- Network Video: IPC/DVR/NVR, etc.

Video Output

- 9ch@DVI, support split, merge, splice, roam

Matrix Switch

- Support control of external D1, VGA & DVI video matrix

Network & Control

- Support 10M/100M/1000M for network video decoding & video-wall control
- Support control for matrix, video-wall, dome camera with RS485 & RS232, support mainstream manufacturers' protocol
- Support ONVIF/PSIA/GB28181/DB33/DB41/RTP/RTSP, support mainstream manufacturers' IPC/DVR/NVR such as Honeywell/Tyco/Pelco/Sony/Panasonic/Axis/Dahua/Hikvision/Uniview
- Support user authority management

Technical Specifications

Model	DH-M30	
System		
Main Processor	T1 high performance processor, incorporates ARM core, DSP & hardware video processing accelerating unit	
Operating System	Embedded OS	
Bus	High-performance serial bus	
Slot	2 function card slots	
System Configuration		
Mainframe	2 Power supply, main control card, high-performance serial bus backplane, smart temperature controlled fan	
Video Input Card	2 max	
Case		
Mainframe	3U standard 19", 2 slots	
Main Control Interface		
Network	1×RJ45, 10M/100M/1000M	
Serial	3×RS232, for matrix, LCD display, mid-control 2×RS485, for PTZ	
USB	1×USB2.0	
Video Input(Standard Configuration)		
Video	Interface	16@BNC (1.0VP-P, Impedance75Ω)
	Format	PAL/NTSC self-adaptable
Input Card	Interface	DVI/VGA/HD-SDI
	Format	Max input resolution : 1920×1080@60Hz
Network Video	Interface	RJ45
	Format	1080P/UXGA/720P/960H/D1/2CIF/CIF Support 9@1080P network video decoding at the same time
Video-wall Merge Control		
Splicing	Function	Splice, Zoom, Overlay, Roam, etc.
	Video Source	HD & SD, Digital & Analog in any combination
	Output Interface	9-ch DVI-I
	Control Mode	PC client-end, Network keyboard, iPad
Working Environment & other Physical Parameter		
Power Supply	AC Power :100~120V AC, 200~240V AC	
Power Consumption	≤80W	
Temperature	0℃~+50℃	
Working Humidity	10%—90% 86kpa—106kpa	
Dimension (mm)	3U standard 19", 482.6(width)×496(depth)×133(height)	

DH-M60

Video Platform



Features

- 19" standard 12U
- Easy and flexible configuration with pluggable card module design
- Function card supports hot-swap
- DC/AC Power supply
- 320ch@D1 or 160ch@1080P signal encoding (full configured)
- 1280ch@D1 or 320ch@1080P signal decoding (full configured)
- Support analog/digital video signals input and matrix output
- Support SD/HD video signal matrix switch and output
- Support non-compressed digital signal encoding output
- Support switch via network keyboard, client-end and etc.
- 8 RJ-45 ports and 8 optical ports (can't be used simultaneously) for matrix control, preview and online central storage.
- Support TCP/IP/RTSP/RTCP/TCP/UDP/DHCP/PPPoE and etc. network protocols
- Support network extended alarm signal input and output
- Remote cast analog/digital video onto the video-wall
- Remote reboot/upgrade/default setting and etc operations
- Support functions as filter, whitelist and etc.

Technical Specifications

Model	DH-M60	
System		
Main Processor	Matrix Platform Quad-core embedded microprocessor	
Operating System	Embedded LINUX	
Bus	PCI-E	
Slot	11	
Mainframe	2 Power Supply, main control board, PCI-E bus rear panel, smart temperature controlled fan	
Video Input Card	Max. 10	
Video Output Card	Max. 10	
Alarm Card	Optional	
Video Input		
DH-VEC3204FB-M60 (Analog)	Interface	BNC (1.0VP-P, 75Ω)
	Encoding	Single Function Card: 32ch@D1
	Audio	Single Function Card: 32ch, DB26(2.0Vp-p,1KΩ), G.711a
	RS485	2 Ports
DH-VEC0804HS-M60 (HD-SDI)	Interface	BNC (1.0VP-P, 75Ω)
	Encoding	Single Function Card: 8ch@1080p
	Audio	Single Function Card: 8ch, DB26(2.0Vp-p,1KΩ), G.711a
	RS485	2 Ports
DH-VEC1604HS-M60 (HD-SDI)	Interface	BNC (1.0VP-P, 75Ω)
	Encoding	Single Function Card: 16ch@1080p
	Audio	Single Function Card: 16ch, DB26(2.0Vp-p,1KΩ), G.711a
	RS485	2 Ports
DH-VEC0804HD-M60 (DVI-I)	Interface	DVI-I
	Encoding	Single Function Card: 8ch@1080p
	Audio	Single Function Card: 8ch, DB26(2.0Vp-p,1KΩ), G.711a
	RS485	2 Ports
DH-VEC1604HC-M60 (HDCVI)	Interface	BNC (1.0VP-P, 75Ω)
	Encoding	Single Function Card: 16ch@1080p
	Audio	Single Function Card: 16ch, DB26(2.0Vp-p,1KΩ), G.711a
	RS485	2 Ports
Video Output		
DH-VDC1204B-M60 (BNC)	Interface	12ch BNC
	Decoding	Single Function Card: 48ch@D1
	Split	1/4
	Audio	12ch, DB15 Line out
	RS485	2 Ports
DH-VDC0804V-M60 (VGA)	Interface	8ch VGA
	Decoding	Single Function Card:32ch@1080p/64ch@720p/128ch@D1
	Split	1/4/9/16
	Audio	8ch, DB15 Line out
	RS485	2 Ports
DH-VDC0804D-M60 (DVI)	Interface	8ch DVI
	Decoding	Single Function Card: 32ch@1080p/64ch@720p/128ch@D1
	Split	1/4/9/16
	Audio	8ch, DB15 Line out
	RS485	2 Ports
DH-VDC0804H-M60 (HDMI)	Interface	8ch HDMI
	Decoding	Single Function Card:32ch@1080p/64ch@720p/128ch@D1
	Split	1/4/9/16
	Audio	8ch, DB15 Line out
	RS485	2 Ports
Matrix Switch		
Video Input	Analog Camera, Digital Camera, IPC, DVR, NVS, NVR and etc.	
IP HD Matrix Switch	320ch@1080p, 640ch@720p, 1280p@D1	
Non-compressed HD Video Switch	For example, 96/32ch in/out (6 16-ch HD-SDI input card & 8 8-ch HD output card)	
Non-compressed SD Video Switch	For example, 256/24ch input/output (8 32-ch CVBS input card & 2 12-ch output card)	
Video-Wall		
Decoding Card Video-Wall Splicing	Splicing	Support video-wall splicing (max 80 LCD display units)
	Video-Wall	Support Splicing Zoom/Merge/Roam/Overlay
	Input Source	HD/SD, Digital/Analog (support mix input)
	Output Port	HDMI/DVI/VGA/BNC
	Control Mode	Local Operate Menu / PC client-end / Network Keyboard
Network		
Interface	8 RJ-45 ports (10/100/1000M)	
	8 optical ports (The above two sorted ports can't be used simultaneously)	
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server	
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information	
Auxiliary Interface		
USB Interface	4 ports	
RS232/ RS485	Dahua keyboard, PC communication/ PTZ control	
Environmental		
Power Supply	DC48V, 47-63Hz AC 100~120V / 200~240V	
Power Consumption	800W	
Working Environment	0℃ ~+50℃ / 10~90%RH / 86~106kpa	
Dimension	12U, 482.6mm×496mm×532.6mm(W×D×H)	
Weight	≤40Kg	

DH-M70-4U

Multi-service Matrix Platform



Features

- 19" standard 4U ATCA industry box
- Easy and flexible configuration with pluggable card module design
- 320ch@D1 or 80ch@1080P signal encoding (full configured)
- 640ch@D1 or 160ch@1080P signal decoding (full configured)
- Support analog/digital video signals input and matrix output
- Support SD/HD video signal matrix switch and output
- Support non-compressed digital signal encoding output
- 2 RJ-45 gigabit network ports for matrix control, preview and online central storage
- Support TCP/IP/RTP/RTSP/RTCP/TCP/UDP/DHCP/PPPoE and etc. network protocols
- Remote cast analog/digital video onto the video-wall
- Remote reboot/upgrade/default setting and etc operations

Technical Specifications

Model	DH-M70-4U	
System		
Main Processor	Quad-core embedded microprocessor	
Operating System	Embedded LINUX	
Bus	PCI-E	
Slot	10 service card slots	
Mainframe	Power module(redundant power optional), main control board, control board, PCI-E bus rear panel, smart temperature controlled fan	
Video Input Card	Max. 10	
Video Output Card	Max. 10	
Alarm Card	Optional	
Video Input		
DH-VEC0404HD-M70(DVI-I)	Interface	4ch DVI-I
	Encoding Format	H.264/MPEG4
	Encoding Capability	4ch@1080P, support resolution: 1080P/720P/UXGA/SXGA+ /SXGA/XGA/SVGA/VGA
DH-VEC0404HH-M70(HDMI)	Interface	4ch HDMI
	Encoding Format	H.264/MPEG4
	Encoding Capability	4ch@1080P, support resolution: 1080P/720P/UXGA/SXGA+ /SXGA/XGA/SVGA/VGA
DH-VEC0404HV-M70 (VGA)	Interface	4ch VGA
	Encoding Format	H.264/MPEG4
	Encoding Capability	4ch@1080P, support resolution: 1080P/720P/UXGA/SXGA+ /SXGA/XGA/SVGA/VGA
DH-VEC3204FB-M70(CVBS)	Interface	32ch BNC (1.0Vp-p, 75Ω)
	Signal Format	NTSC/PAL self-adaptive
	Encoding Format	H.264/MPEG4
	Encoding Capability	32ch@D1/960H
DH-VEC0804HC-M70(HDCVI)	Data Ports	2 RS485 ports
	Interface	8ch BNC (1.0Vp-p, 75Ω)
	Signal Format	HDCVI (audio/video/control)
	Encoding Format	H.264/MPEG4
DH-VEC0804HS-M70 (HD-SDI)	Encoding Capability	8ch@1080P
	Interface	8ch BNC (1.0Vp-p, 75Ω)
	Signal Format	HD-SDI, 1.485Gbps
	Encoding Format	H.264/MPEG4
	Encoding Capability	8ch@1080P
Network Video	Data Ports	2 RS485 ports
	Encoding Standard	H.264/MPEG4/ONVIF/PISA
	Transfer Protocol	TCP/UDP/RTP/RTSP/RTCP
	Support Device	IPC, DVR, NVR, NVS
	Video Resolution	1080P/UXGA/720P/D1/HD1/2CIF/CIF/QCIF
Video Output		
DH-VDC0404D-M70 (DVI)	Decoding Capability	16ch@1080P/32ch@720P/64ch@D1
	Interface	4ch DVI-D
	Split	1/4/9/16
DH-VDC0404H-M70 (HDMI)	Decoding Capability	16ch@1080P/32ch@720P/64ch@D1
	Interface	4ch HDMI
	Split	1/4/9/16
DH-VDC0404V-M70 (VGA)	Decoding Capability	16ch@1080P/32ch@720P/64ch@D1
	Interface	4ch VGA
	Split	1/4/9/16
Storage		
DH-VS0201R-M70 (RAID Card)	Storage Capability	2 pcs SAS storage device, support 48 4T HDDs
	Interface	2ch mini SAS
	RAID	RAID0/ RAID1/ RAID5/ RAID6/ RAID10
Matrix Switch		
Video Input	Analog Camera, Digital Camera, IPC, DVR, NVS, NVR and etc.	
IP HD Matrix Switch	2048 IP input, 160ch@1080p, 320ch@720p, 640p@D1	
Video-Wall		
Decoding Card Video -Wall Splicing	Splicing	Support video-wall splicing (max 40 LCD display units)
	Video-Wall	Support Splicing Zoom/Merge/Roam/Overlay
	Input Source	HD/SD, Digital/Analog (support mix input)
	Output Port	DVI-D
	Control Mode	Local Operate Menu / PC client-end / Network Keyboard
Network		
Interface	2 RJ-45 ports (10/100/1000M)	
Serial Port	4 RS232 ports (1 DB9, 3 RJ45), for console and control	
USB	1 RS485 ports	
	2 USB2.0, 3 USB3.0	
Environmental		
Power Supply	DC48V, 47-63Hz	
	AC 100~120V / 200~240V	
Power Consumption	≤600W	
Working Environment	0℃ ~+50℃ / 10~90%RH / 86~106kpa	
Dimension	4U, 482.6mm×496mm×177.8mm(W×D×H)	
Weight	≤25kg	

NETWORK VIDEO SERVER



DH-NVS0104/0204/0404HE

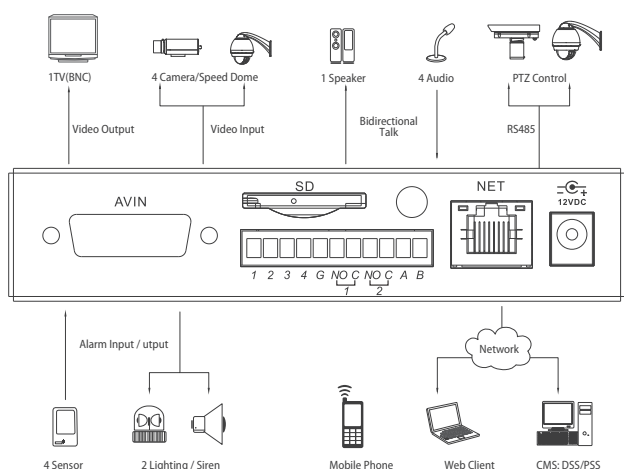
1/2/4 Channel H.264 Network Video Server



Features

- 1/2/4 channel video and audio inputs
- H.264 video compression and JPEG image capture
- Full channel@D1(4CIF) realtime encoding
- 3D intelligent positioning with Dahua PTZ dome camera
- 3G (Model -E/-C only), Wi-Fi (Model -W only), SD memory
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



Technical Specifications

Model	DH-NVS0104HE		DH-NVS0204HE	DH-NVS0404HE
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video				
Input	1 channel	2 channel	4 channel	
Output	1 TV output, BNC			
Standards	PAL(625Line, 50f/s), NTSC			
Audio				
Input	1 channel	2 channel	4 channel	
Output	1 channel			
Two-way Talk	1 channel Input, 1 channel Output			
Display				
Resolution	1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1	1/4	1/4	
Privacy Masking	4 rectangular zones (each camera)			
Recording				
Video/Audio ompression	H.264 / G.711			
Resolution	D1/CIF/QCIF/VGA/QVGA			
Record Rate	Main stream	D1/BCIF/CIF/QCIF(1~25/30fps)		
	Extra stream	D1/BCIF/CIF/QCIF		
Digital Watermark	Support			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel			
Relay Output	2 channel			
Playback & Backup				
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Storage				
Memory Slot	SD, Max 32GB			
Backup Mode	Network			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wireless Network	3G	EVDO(CDMA1X)/WCDMA and other 3G network (model-E/-C only)		
	Wi-Fi	802.11b/g (model -W only)		
Network Functions	TCP/IP, PPPQE,DDNS, FTP, IP Filter, DNS, SMTP, NTP, DHCP			
Auxiliary Interface				
USB	1 Port			
RS485	PTZ control			
General				
Power Supply	DC12V / 3A			
Power Consumption	<5W			
Working Environment	-30℃ ~+50℃ / 10%~90% / 86kpa~106kpa			
Dimension(W×D×H)	162mm×136mm×30mm			
Weight	1.0Kg			

DH-NVS0104/0204/0404HE-AS

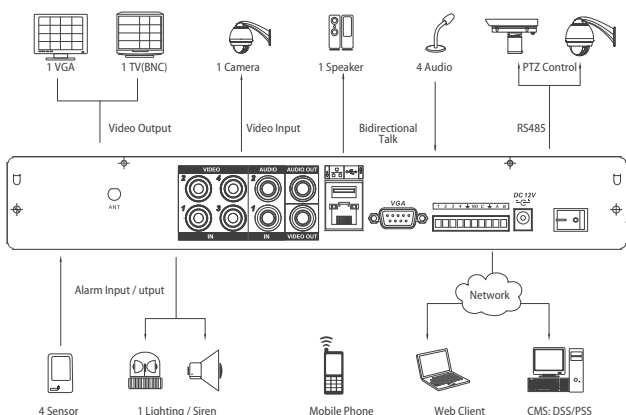
1/2/4 Channel H.264 Network Video Server



Features

- 1/2/4 channel video and audio inputs
- H.264 video compression and JPEG image capture
- Full channel@D1(4CIF) realtime encoding
- 3D intelligent positioning with Dahua PTZ dome camera
- 3G (Model –E/-C only), Wi-Fi (Model –W only), 1SATA, 1USB
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



Technical Specifications

Model	DH-NVS0104HE		DH-NVS0204HE	DH-NVS0404HE
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video				
Input	1 channel	2 channel	4 channel	
Output	1VGA , 1 TV output, BNC			
Standards	PAL(625Line, 50f/s), NTSC			
Audio				
Input	1 channel	2 channel	2 channel, BNC	
Output	1 channel			
Two-way Talk	Reuse the 1st audio input channel			
Display				
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
Display Split	1	1/4	1/4	
Privacy Masking	4 rectangular zones (each camera)			
Recording				
Video/Audio ompression	H.264 / G.711			
Resolution	D1/CIF/QCIF/VGA/QVGA			
Record Rate	Main stream	D1/BCIF/CIF/QCIF(1~25/30fps)		
	Extra stream	D1/BCIF/CIF/QCIF		
Digital Watermark	Support			
Video Detection & Alarm				
Trigger Event	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips			
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank			
Alarm Input	4 channel			
Relay Output	1 channel			
Playback & Backup				
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)			
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom			
Storage				
Memory Slot	1 SATA			
Backup Mode	USB Device / Network			
Network				
Ethernet	RJ-45 (10/100Base-T)			
Wireless Network	3G	EVDO(CDMA1X)/WCDMA and other 3G network (model–E/-C only)		
	Wi-Fi	802.11b/g (model –W only)		
Network Functions	TCP/IP, PPPQE,DDNS, FTP, IP Filter, DNS, SMTP, NTP, DHCP			
Auxiliary Interface				
USB	PTZ control			
RS485	1 port			
General				
Power Supply	DC12V / 3A			
Power Consumption	12W (Exclude HDD)			
Working Environment	-10°C ~+50°C/10%~90%/86kpa~106kpa			
Dimension(W×D×H)	325mm×242mm×55mm			
Weight	2.5Kg			

DH-NVS0404/0804/1604HF-A

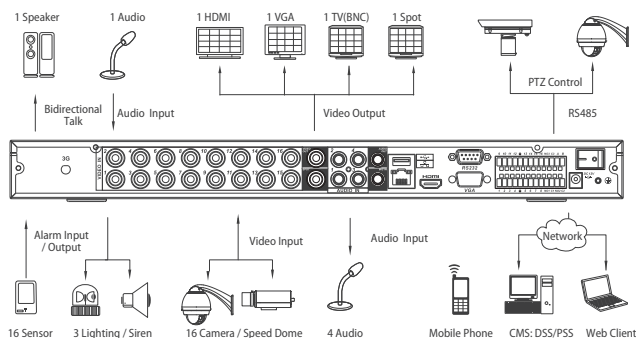
4/8/16 Channel H.264 Network Video Server



Features

- 4/8/16 channel video and audio inputs
- H.264 video compression and JPEG image capture
- Full channel@D1(4CIF) realtime encoding
- 3D intelligent positioning with Dahua PTZ dome camera
- 3G (Model –E/-C only), Wi-Fi (Model –W only), 2SATA, 1USB
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection

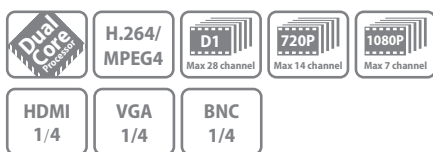


Technical Specifications

Model	DH-NVS0404HF-A		DH-NVS0804HF-A		DH-NVS1604HF-A	
System						
Main Processor		Dual-core embedded processor				
Operating System		Embedded LINUX				
Video						
Input		4 channel, BNC		8 channel, BNC		
Output		1HDMI, 1VGA, 1TV, 1Spot BNC(1.0Vp-p, 75Ω)				
Standards		PAL(625Line, 50f/s), NTSC				
Audio						
Input		4 channel		8 channel		
Output		4 channel, BNC				
Two-way Talk		1 channel				
Display						
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768, 800×600				
Display Split		1		1/4		
Privacy Masking		1/4/16				
Privacy Masking		4 rectangular zones (each camera)				
Recording						
Video/Audio ompression		H.264 / G.711				
Resolution		D1/CIF/QCIF/VGA/QVGA				
Record Rate	Main stream	D1/BCIF/CIF/QCIF(1~25/30fps)				
	Extra stream	D1/BCIF/CIF/QCIF				
Digital Watermark		Support				
Video Detection & Alarm						
Trigger Event		Recording, PTZ, Tour, Snapshot, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen Tips				
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank				
Alarm Input		4 channel		8 channel		
Relay Output		16 channel				
Relay Output		3 channel				
Playback & Backup						
Search Mode		Time/Date, Alarm, Motion Detection & Exact search (accurate to second)				
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom				
Storage						
Memory Slot		2 SATA				
Backup Mode		USB Device / Network				
Network						
Ethernet		RJ-45 (10/100/1000M)				
Wireless Network	3G	EVDO(CDMA1X)/WCDMA and other 3G network (model–E/-C only)				
	Wi-Fi	802.11b/802311g (model –W only)				
Network Functions		TCP/IP, PPPoE,DDNS, FTP, IP Filter, DNS, SMTP, NTP, DHCP				
Auxiliary Interface						
USB		1 Port				
RS232		PC communication				
RS485		PTZ control				
General						
Power Supply		DC12V / 3A				
Power Consumption		20W (Exclude HDD)				
Working Environment		-10°C ~+50°C / 10%~90% / 86kpa~106kpa				
Dimension(W×D×H)		440mm×300mm×42.1mm				
Weight		2.5Kg				

DH-NVS0104/0404DH

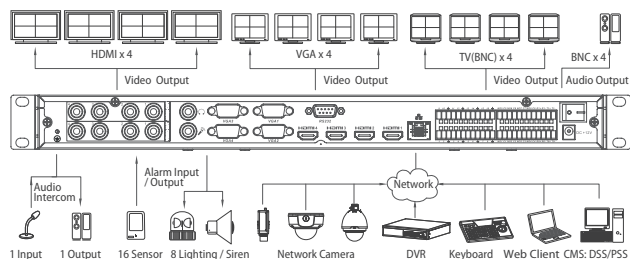
1/4 Channel Full HD Network Video Decoder



Features

- Full HD standalone network video decoder for TV wall monitoring system
- Support multiple devices: Network camera, DVR, NVS
- H.264/MPEG-4 dual codec video decoding
- Support multiple resolution decoding: QCIF/CIF/2CIF/HD1/D1/720P/1080P
- Up to 1080P display output & various interface: HDMI, VGA and BNC
- Support various split-window modes
- Alarm input/output, RS232, RS485
- Powerful 1000M Ethernet interface
- WEB GUI interface for easy setup and control
- Standard 19-inch 1U chassis for easy installation

System Connection



Technical Specifications

Model	DH-NVS0104DH		DH-NVS0404DH	
System				
Main Processor	Dual-core embedded processor			
Operating System	Embedded LINUX			
Video				
Video Output	HDMI×1, VGA×1, BNC×1		HDMI×4, VGA×4, BNC×4	
Video Standard	H.264 / MPEG4			
Video Decoding	D1: 16 channel, 2MBps		D1: 28 channel, 2MBps	
	720P: 8 channel, 4MBps		720P: 14 channel, 4MBps	
	1080P: 4 channel, 8MBps		1080P: 7 channel, 8MBps	
Video Frame Rate	PAL: 1~25fps, NTSC: 1~30fps			
Audio				
Audio Output	HDMI×1, BNC(200~3000mV, 5KΩ)×1		HDMI×4, BNC(200~3000mV, 5KΩ)×4	
Audio Standard	PCM / G711			
Voice Intercom	1 channel input, BNC(200-2800mV, 30KΩ), 1 channel output, BNC(200-3000mV, 5KΩ)			
Display				
Display Split	1/4/9/16		Display 1: 1/4/9/16, Display 2~4: 1/4	
Display Resolution	1280×1024, 1280×720, 1920×1080			
Tour Display	Support, 1/4/9 display split			
Recording				
Ethernet	RJ-45 port (10/100M/1000M)			
Network Protocol	HTTP, TCP/IP, UDP, NTP, DHCP, DNS			
Remote Operation	System setting, Playback, Upgrade, Log information			
Alarm				
Alarm Input	16 channel			
Alarm Output	8 channel relay output (30VDC/1A, 125VAC 0/5A activation output)			
Trigger Events	Tour, Alarm			
Auxiliary Interface				
USB Interface	USB2.0 port			
RS232	Keyboard, PC communication			
RS485	2 duplex RS485 ports			
General				
Power Supply	DC12V, 3.3A		DC12V, 5.0A	
Power Consumption	Max 10W		Max 40W	
Working Environment	0 ~+55℃ / 10~90%RH / 86~106kpa			
Dimension(W×D×H)	1U, 440mm×300mm×42mm			
Weight	3.00kg		3.50kg	



STORAGE



ESS2016X

16 HDDS Storage Extension Cabinet



Features

- IPSAN/NAS integrated solution
- Internal cable-free design
- Easy data storage and file sharing thanks to High-performance and scalability
- Data's safe thanks to fault-tolerant protection mechanisms
- Support Raid0,Raid1,Raid5,Raid6,Raid10,JBOD,Single,hot-swappable
- 24/7 non-stop storage capability thanks to qualified redundant fans and power supply
- Support Windows,Linux,Unix and other OS.
- Easy operation(only takes max. 10 minutes to finish set-up) thanks to the web-based configuration management
- Compatible to multiple software platforms

Technical Specifications

Model	ESS2016X
System	
Main Processor	Intel SandyBridgequad-core processor
Operating System	Embedded LINUX
Power Supply	Single Power Supply
Fan	Redundant two-ball bearing fans, MTBF>100,000 hours, Support online replacement
Motherboard	Server class(24/7 operation)
Memory	4G
Chassis	Hot-dip galvanized steel sheet (1.2mm thickened) High-precise aluminum alloy slide Self-patent drawer-type HDD rack
User Interface	WEB GUI
Performance	
Storage Protocol	iSCSI
Video Input	128ch@2Mbps,64ch@ 4Mbps,32ch@8Mbps
HDD Management	
Hard Disk	16 SATA II ports,16 HDDs supported(each one up to 4TB)
Raid Mode	Raid0,Raid1,Raid5,Raid6,Raid10,JBOD,Single
Expansion Mini SAS	2 Mini SAS
HDD Hot Standby	Support global HDD Hot Standby
HDD Expansion	Support up to four expansion device,
Network	
Interface(manage)	1 RJ-45 10/100/1000Mbps
Interface(data)	2 RJ-45 10/100/1000Mbps
Environmental	
Power Supply	100V-240V AC, 47-63Hz
Power Consumption	<400W(include HDD),<200W(exclude HDD)
Working Temperature	0℃~40℃
Working Humidity	10%~80% (Non-condensation)
Storage Temperature	-20℃~70℃
Storage Humidity	5%~90% (Non-condensation)
Working Elevation	-60m~3000m
Dimension(WxDxH)	472mm×448mm×133mm
Weight	15kg
Mounting	19 feet standard rack-mounted

ESS2016X-J

16 HDDS Storage Extension Cabinet



Features

- High Availability, Non-stop service, High bandwidth, Cost-effective and High scalability
- The system is designed especially for the demand of high availability. All the key components are redundant and modular designed, including controller, power supply, fan and SAS JBOD extended port, which are all characterized with hot-swap, non-stop service and etc., above all
- Applicable for Small and Medium-Sized enterprises

Technical Specifications

Model	ESS2016X-J
System	
Main Processor	Multi-core embedded processor
Operating System	Embedded linux
Power Supply	Single power supply
Fan	Redundant two-ball bearing fans, MTBF > 100,000 hours, Support online replacement
Port	SAS 2.0-port (6Gbps)
Chassis	SBB2.0
Case Management	SES Protocol
HDD Management	HDD Management
Hard Disk	16 SATA II (each one up to 4TB)
Installation	Independent HDD support, Hot-swappable
Environmental	
Power Supply	100V-240V AC, 47-63Hz
Power Consumption	<400W(include HDD), <200W(exclude HDD)
Working Temperature	0 °C ~ 40 °C
Working Humidity	10%~80% (Non-condensation)
Storage Temperature	-20 °C ~ 70 °C
Storage Humidity	5%~90% (Non-condensation)
Working Elevation	-60m~3000m
Dimension(WxDxH)	133mm×448mm×472mm
Weight	15kg
Mounting	19 feet standard rack-mounted

DH-ESS3116X/S-J

16 HDDs Network Storage



Features(ESS3116X)

- IPSAN / NAS integration solutions
- High-performance, scalability, easy for data storage and file sharing
- Fault-tolerant data protection mechanisms for the video surveillance system
- Support single disk, support various data protection modes such as RAID0, RAID1, RAID5
- Support HDDs hot-swappable feature
- Redundant fans and redundant power supply, keep 7x24-hour uninterrupted running
- Support common industry network protocol such as SAMBA, NFS, iSCSI, CIFS, FTP, HTTP etc
- Support Windows, Linux, Unix and other operating systems
- Adopts WEB configuration, it takes max 10 minutes to complete setup
- Distribution architecture design concept suitable for all kinds of network surveillance project

Features (ESS3116S-J)

- High Availability, Non-stop service, High bandwidth, Cost-effective and High scalability
- The system is designed especially for the demand of high availability. All the key components are redundant and modular designed, including controller, power supply, fan and SAS JBOD extended port, which are all characterized with hot-swap, non-stop service and etc., above all
- Applicable for Small and Medium-Sized enterprises

Technical Specifications

Model	DH-ESS3116X	ESS3116S-J
System		
Main Processor	Intel SandyBridgequad-core processor	MIPS32 4KEm Core
Operating System	Embedded LINUX	ThreadX
Power Supply	Single Power Supply	Support redundant power supply
Fan	Redundant two-ball bearing fans, MTBF>100,000 hours, Support online replacement	Redundant two-ball bearing fans, MTBF>100,000 hours, Support online replacement
Motherboard	Server class(24/7 operation)	N/A
Memory	4G	N/A
Chassis	Hot-dip galvanized steel sheet (1.2mm thickened)High-precise aluminum alloy slide Self-patent drawer-type HDD rack	SBB2.0
User Interface	WEB GUI	N/A
Performance		
Storage Protocol	iSCSI, FTP	N/A
Video Input	192ch@D1,96ch@ 720P,48ch@1080P	N/A
HDD Management		
Hard Disk	16 SATA II ports,16 HDDs supported (each one up to 3TB)	16 SATA II (each one up to 3TB)
Raid Mode	Raid0,Raid1 ,Raid5,Raid6,JBOD,Single	N/A
Expansion Mini SAS	2-SAS 2.0-port (6Gbps)	
HDD Hot Standby	Support global HDD Hot Standby	
HDD Expansion	Support up to four expansion device	N/A
Network		
Interface	4 RJ-45 10/100/1000Mbps	N/A
Network Port Feature	MultipleEthernet-port load balance bindingor	N/A
	4-1000Mbps Ethernet ports	
General		
Power Supply	100V-240V AC, 47-63Hz	
Power Consumption	<400W(include HDD),<200W(exclude HDD)	
Working Temperature	0℃~40℃	
Working Humidity	10%~80% (Non-condensation)	
Storage Temperature	-20℃~70℃	
Storage Humidity	5%~90% (Non-condensation)	
Working Elevation	-60m~3000m	
Dimension(WxDxH)	448mm×490.4mm×133.2mm	
Weight	23kg	
Mounting	19 feet standard rack-mounted	

ESS3124S-J /ESS3124S-JR

24 HDDS Storage Extension Cabinet



Features

- High Availability, Non-stop service, High bandwidth, Cost-effective and High scalability
- The system is designed especially for the demand of high availability. All the key components are redundant and modular designed, including controller, power supply, fan and SAS extended port, which are all characterized with hot-swap, non-stop service and etc., above all
- Applicable for Small and Medium-Sized enterprises

Technical Specifications

Model	ESS3124S-J		ESS3124S-JR	
System				
Power Supply	Support single power supply		Support redundant power supply	
Fan	Redundant two-ball bearing fans,MTBF>100,000 hours,Support online replacement			
Port	2-SAS 2.0-port (6Gbps)			
Chassis	SBB2.0			
Case Management	SES Protocol			
HDD Management				
Hard Disk	24 SATA II (each one up to 4TB)			
Installation	Independent HDD support, Hot-swappable			
Environmental				
Power Supply	100V-240V AC, 47-63Hz			
Power Consumption	<500W(include HDD),<200W(exclude HDD)			
Working Temperature	0 C ~40 C			
Working Humidity	10%~80% (Non-condensation)			
Storage Temperature	-20 C ~70 C			
Storage Humidity	5%~90% (Non-condensation)			
Working Elevation	-60m~5000m			
Dimension(WxDxH)	446mm × 495mm × 175mm			
Weight	25.44kg		25.54kg	
Mounting	19 feet standard rack-mounted			

ESS3148S-J /ESS3148S-JR

48 HDDS Storage Extension Cabinet



Technical Specifications

Model	ESS3148S-J		ESS3148S-JR	
System				
Power Supply	Support single power supply		Support redundant power supply	
Fan	Redundant two-ball bearing fans,MTBF>100,000 hours,Support online replacement			
Port	2-SAS 2.0-port (6Gbps)			
Chassis	SBB2.0			
Case Management	SES Protocol			
HDD Management				
Hard Disk	48 SATA II (each one up to 4TB)			
Installation	Independent HDD support, Hot-swappable			
Environmental				
Power Supply	100V-240V AC, 47-63Hz			
Power Consumption	<1000W(include HDD)			
Working Temperature	0℃~40℃			
Working Humidity	10%~80% (Non-condensation)			
Storage Temperature	-20℃~70℃			
Storage Humidity	5%~90% (Non-condensation)			
Working Elevation	-60m~5000m			
Dimension(WxDxH)	446mm × 495mm × 353mm			
Weight	48.32kg		49.92kg	
Mounting	19 feet standard rack-mounted			

Features

- High Availability, Non-stop service, High bandwidth, Cost-effective and High scalability
- The system is designed especially for the demand of high availability. All the key components are redundant and modular designed, including controller, power supply, fan and SAS extended port, which are all characterized with hot-swap, non-stop service and etc., above all
- Applicable for Small andMedium-Sized enterprises

ESS5024S/ ESS5024S-R

24 HDDs Network Storage



Features

- IPSAN/NAS integrated solution
- internal cable-free design
- Easy data storage and file sharing thanks to High-performance and scalability
- Data's safe thanks to fault-tolerant protection mechanisms
- Support RAID0,RAID1, RAID10,RAID5, RAID6, JBOD,hot-swappable
- 24/7 non-stop storage capability thanks to qualified redundant fans and power supply
- Support industrial protocols such as SAMBA,NFS,iSCSI,CIFS,FTP,HTTP and etc.
- Support Windows,Linux,Unix and other OS.
- Easy operation(only takes max. 10 minutes to finish set-up) thanks to the web-based configuration management
- Compatible to multiple software platforms

Technical Specifications

Model	ESS5024S		ESS5024S-R
System			
Main Processor	Multi-core 64 bit embedded processor		
Operating System	Embedded LINUX		
Power Supply	Single Power Supply	Redundant power supply	
Fan	Redundant two-ball bearing fans,		
	MTBF>100,000 hours,		
	Support online replacement		
Motherboard	Server class(24/7 operation)		
Memory	4G		
Chassis	Hot-dip galvanized steel sheet (1.2mm thickened)		
	High-precise aluminum alloy slide		
	Self-patent drawer-type HDD rack		
User Interface	WEB GUI		
Performance			
Storage Protocol	iSCSI, SAMBA, NFS, FTP		
Video Input	256ch@2Mbps,128ch@ 4Mbps,64ch@8Mbps		
HDD Management			
Hard Disk	24 SATA II ports,24 HDDs supported(each one up to 4TB)		
Raid Mode	Raid0,Raid1,Raid10,Raid5,Raid6,JBOD,Single		
Expansion Mini SAS	2 Mini SAS		
HDD Hot Standby	Support global HDD Hot Standby		
HDD Expansion	Support up to four expansion device,		
Network			
Interface	1 RJ-45 10/100/1000Mbps(for manage)		
	4 RJ-45 10/100/1000Mbps(for data)		
Network Port Feature	MultipleEthernet-port load balance bindingor		
	4-1000Mbps Ethernet ports		
Environmental			
Power Supply	100V-240V AC, 47-63Hz		
Power Consumption	<500W(include HDD)		
Working Temperature	0℃~40℃		
Working Humidity	10%~80% (Non-condensation)		
Storage Temperature	-20℃~70℃		
Storage Humidity	5%~90% (Non-condensation)		
Working Elevation	-60m~3000m		
Dimension(WxDxH)	446mm×495mm×175mm		
Weight	26.7kg	26.8kg	
Mounting	19 feet standard rack-mounted		

DH-EVS5000

128 Channel Embedded Video Storage



Features

- Max 128ch IP cameras connection
- Up to 32 channel 1080P, 64 channel@720P, 128 channel@D1 realtime transmission & recording
- 4GB memory (with ECC verification)
- Up to 128 channel transmission with 256Mbps in total
- With 5M, 3M, 1080P, 720P, 960H, D1, CIF, QCIF, VGA resolution
- Support 16 hot-swap SATA III HDDs
- Support RAID 0/1/5/6/10 (optional)
- Human-oriented web UI
- Compatible with Dahua SDK and seamless integrated to other platforms
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.0 conformance

Technical Specifications

Model	DH-EVS5000
System	
Main Processor	PM8088
Operating System	Embedded LINUX
Cooling Fan	Dual ball screw bearing fan, MTBF≤50,000h, support replacement during operation
Motherboard	Server class (support 7x24 hours running)
Memory	4GB (with ECC)
Chassis	Self-designed chassis adopts 1.2mm thickening hot-dip galvanized steel sheet, High accurate aluminum alloy slide, Self-patent drawer-type HDD rack
User Interface	WEB
Video & Alarm	
Input	32ch@1080P, 64ch@720P, 128ch@D1 (256Mbps in total)
Transmission	32ch@1080P, 64ch@720P, 128ch@D1 (256Mbps in total)
Recording	32ch@1080P, 64ch@720P, 128ch@D1 (256Mbps in total)
Video Resolution	8M, 5M, 3M, 1080P, 720P, 960H, D1, CIF, QCIF, VGA & etc
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm
Storage Management	
Hard Disk	16 SATA III (16 HDDs, support 4TB HDD)
HDD Mode	Single, Raid 0, Raid 1, Raid 5, Raid6, Raid10
HDD Installation	Independent HDD rack, support hot swap
Storage Expansion	ESS (Dahua Embedded Storage Server), eSATA Device, Network
Expansion Interface	Mini SAS (with 6Gbps transmission rate), RJ-45, eSATA
HDD Hot-standby	Supports global and local hot spare
Network	
Ethernet Port	2 RJ-45 (10/100/1000Mbps) (support bond, multi-address)
Network Protocol	RTP/RTCP, RTSP, UDP, HTTP, NTP, SNMP
General	
Power Supply	AC 100V~240V, 50~60Hz
Power Consumption	Peak: 25W, stable: 22W (without HDD)
Working Temperature	0°C~40°C
Working Humidity	10%~80% (Non-condensing)
Storage Temperature	0°C ~+70°C
Storage Humidity	10%~90% (Non-condensing)
Working Elevation	-60m~3000m
Dimension (W×D×H)	473.6mm×485mm×133.2mm
Weight	≤25kg (without HDD)
Installation	Rack-mounted

DH-ESS1504A

4 HDDs eSATA Storage



Technical Specifications

Model	DH-ESS1504A
Specification	
eSATA Interface	1 port, up to 3Gbps/s
Internal HDD	4 SATA ports, up to 12TB
R / W Performance	Read: >70MB/s, Write: >40MB/s
Connection Device	DVR, NVR
General	
Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption	<50W(with HDD)
Working Environment	0 ~ +40°C / 10~80%RH / 86~106kpa
Dimension(W×D×H)	1.5U, 442mm×442mm×89mm(W×D×H)
Weight	6kg(without HDD)



Features

- 1.5U standard 19-inch rack case
- eSATA port transmission speed up to 3Gbp/s
- Powerful R / W performance: read >70MB/s, write >40MB/s
- Max support Internal 4 SATA HDD up to 12TB
- Recommended with DVR, NVR connection

KEYBOARD



DH-NKB3000

HD Network Control Keyboard



Features

- Keyboard to Control:
 - DAHUA Standalone DVR
 - DAHUA (Network) High Speed Dome
 - DAHUA High Speed Dome
 - Central Management Platform
 - Network Video Server
- RS232, RS485 & Network Connections
- Four Dimensional Joystick Control of PTZ Functions
- Support full HD 1080p live view; Support HDMI & VGA sync output
- Support snapshot and recording to U-disk
- Support Video-Wall display
- Support external Wi-Fi
- Support bidirectional talk
- Preset Position, Auto Scan, Auto Pan, Auto Tour & Pattern Control
- Auxiliary Functions, OSD and operation guides

Technical Specifications

Model		DH-NKB3000	
System			
Main Processor		Industrial embedded microprocessor	
Operation System		Embedded LINUX	
Audio			
Compression		G.711A	
Output		1ch output	
Bidirectional Talk		1ch input and 1ch output	
Display			
Display split		1/4/8/9/16	
Resolution		1080P/720P/D1/HD1/BCIF/CIF/QCIF	
Screen		10.2" touch screen LCD (touch pen)	
General			
Keyboard Panel		Electromechanical	
Joystick		4-axis(zoom, focus, iris)	
Control	Control Output	Support video-wall display, HDMI/VGA output	
	Control Mode	Direct Mode	nterface: 1 RS232/ 2 RS485 DVR Protocol: DH1/DH2 Dome Protocol: DH-SD/PELCO-D/PELCO-P/PELCO-D1/PELCO-P1 and etc.
		Network Mode	Interface: RJ45(1 RJ-45 port (10/100/1000M)) / Wi-Fi DVR/Network Dome: IP Address/Port/Protocol
Max Remote Users		20 (each can manage up to 256 unit devices)	
USB Interface		2 ports, for mouse control & backup	
General			
Power Supply		DC12V	
Power Consumption		5W	
Working Temperature		-10℃ ~+55℃	
Working Humidity		10%~90%	
Atmosphere Pressure		86kpa~106kpa	
Dimension(W×D×H)		480mm×240mm×87mm (height: exclude joystick)	
Weight		4.5kg	

DH-NKB1000/KBD1000/KB1000

NEW

Network Keyboard & Control Keyboard & Dome keyboard



Features

- Keyboard to Control:
 - DAHUA Standalone DVR
 - DAHUA High Speed Dome
 - DAHUA Network High Speed Dome
 - Central Management Platform
 - Network Video Server
- RS232, RS485, RS422, USB & Network Connections
- Three Dimensional Joystick Control of PTZ Functions
- Preset Position, Auto Scan, Auto Pan, Auto Tour & Pattern Control
- Auxiliary Functions
- On-Screen Menu & User Operation Procedure Tips

Technical Specifications

Model	DH-NKB1000	DH-KBD1000	DH-KB1000
General			
Keyboard Keypanel	Electromechanical		
Joystick	3-axis, vector-solving, with twisting, return to-center head		
Keyboard Connector	RJ-45,RS232,RS485,RS422,USB	RS232,RS485,RS422	RS485,RS422
Keyboard Communication	Direct Mode, Network Mode	Direct Mode	Direct Mode
	Interface: RS232/RS485		
Direct Mode	DVR Protocol: DH2		
	Dome Protocol: DH-SD/PELCO-D/PELCO-P/PELCO-D1/PELCO-P1.....		
Network Mode	Interface: RJ45	N/A	N/A
	DVR/Network Dome:		
	IP Address/Port/Protocol		
Display	LCD, 75.2mm x 33.85mm		
General			
Power Supply	Power adapter, input 100V~240V 50Hz / 60Hz,output DC12V/1000mA		
Power Consumption	5W		
Working Temperature	-10℃ ~+55℃		
Working Humidity	10%~90%		
Atmosphere Pressure	86kpa~106kpa		
Dimension	330mm×160(140)mm×37.5(21)mm(W×D×H) (height: 100mm including joystick)		
Weight	2.5kg		



SOFTWARE

DH-DSS7016-D

Digital Surveillance System



Introduction

DH-DSS7016-D is our first embedded general surveillance management centre integrating the software and hardware together. It adopts the self-development hardware platform and installs shining new DSS3.0 software. It fully enhances the system performance and has user-friendly GUI. It is easy to install, operate.

Features

- Embedded device, 7×24 stable operation
- High-performance stream media transfer and storage capability
- Dual-device hot backup and load balance
- Support tier and cascade deployment
- Support local storage and IP-SAN storage
- Support GIS map
- Support ONVIF, GB/T28181 standard protocol gateway connection
- Support intelligent device connection
- Support platform SDK
- Front panel can displays system service status

Performance

The information listed below is for one device only

- Max support 2000 channels(Max support 500 input devices)
- Support 10000 accounts managementand 1000 online users
- Support 700M transfer capability
- Support 700M local storage capability
- Support 20 distributes server and 5-level cascade
- E-map max displays 200-channel on one screen
- Process 1000-channel alarm per second

Technical Specifications

Model	DH-DSS7016-D
System	
Main Processor	Intel Core i5 Processor
Operating System	Embedded Linux
Motherboard	Embedded Board(support 7×24 operation)
Memory	4GB DDR3(up to 8GB)
Case	Hot-dipped galvanized sheet steel (1.2mm thickened),High-precise aluminum alloy slide, Patented pull-out rack design.
LocalSystem Setting	System time setting, Platform service operation parameters configuration
Display Port	
LCD	Display system information and status. Include: system time, the system hardware information, platform service running state, etc
VGA	One VGA port (The same display with LCD)
Data Management	
Hard Disk	One system disk and 15 disks local storage (max support 4T HDD)
Raid mode	Single, Raid0, Raid1 , Raid5(Support global HDD Hot-standby)
Ethernet Port	
Ethernet Port	4 1000Mbps Ethernet port
Features	Four Ethernet ports bound load balancing or independent Ethernet port interfaces
Data Interface	
USB	4 USB2.0 port
Serial Ports	1 RS232 COM
eSATA	1 eSATA port
Others	
HDD Hibernation	Main thoroughfare through the backplane
Hot Spare	Supports global and multi-block spare
Fault Alarm	Support for E-mail, beep, SDK, etc. For fault alarm
Power Supply	100V~240V, 47~63Hz, Hot-swappable
Power	10W~200W(With HDD)
Work Temperature	0℃~50℃
Work Humidity	5%~90%(non-condensation)
Dimension	526mm×485mm×135mm
Secondary Development	Provide SDK secondary development package

SMART PSS

SMART Pro Surveillance System



Features

- Different function categories in the main interfaces. It is clear and easy for you to select a function to operate.
- Support record on PC, transmit preview video, and provide cost-effective network HD solutions.
- Adopt Storage Cloud idea when developing playback function. System integrates devices and PC-NVR record file, you do not need to care where the record files come from.
- Device manager uses front-end snapshot picture to display channel and group, which directly presents channel information
- Support various window split scales, effectively support HD video display
- The setting interface can display current TV wall layout effect
It is easy for you to view and operate
- Max 36-channel synchronization playback at the same time. Time line operation mode. It is very convenient for you to playback
- Adopt tab interface to display various functions. Each function can be displayed in the extension screen. Effectively support multiple-screen and max support 4 real-time preview windows

Technical Specifications

Model	SMART PSS
Device to Use	
Supported Devices	Embedded DVR, NVR, network camera, decoder, NVR 6000 and etc.
Max Register Device	1000 channels
Device Management	Add, delete, reboot, configuration, bidirectional talk
Health Report	Device status, alarm info.
Live Monitoring	
Video Display Split	Full screen and 1 / 4 / 9 / 13 / 16 / 25 / 36 / (49 / 64 / 81 / 100)
Launches Instant Play	DVR, video server, IP camera
PTZ Control	Directions, Pan, Tilt, Zoom, Focus, Iris, Preset, Tour, Pattern
Snapshot	Support
Local Record	Support
Video Information	Camera title, time, video loss
Playback	
Video Source	Local PC, device itself, storage server
Search Type	Certain time, timing, motion detection, alarm, card
Digital Zoom	Support
Snapshot	Support
Alarm Signal Monitoring	
Alarm Type	External alarm, video loss, motion detection, camera masking and etc.
Play Warning Sound or Message	Support
Camera Blank	Trigger recording, PTZ movement, tour, alarm
Setup	A certain period of time of a day, a certain types of alarms, Auto notification sent, Scheduled actions against alarm
Map	
Number of Maps	Map group : Unlimited, Sub-Map, Layout : 64
Supports Image	JPEG / BMP
System Requirement	
CPU	Intel Core2Duo E6750, RAM : 2GB above
Video memory	512MB
HDD	80GB above
OS	Window XP/Vista, DirectX 9.0 above
Display resolution	1024×768 above

DH-DMSS

Mobile Phone Surveillance Software



iDMSS for ios System: Support iPhone OS 4.1 or higher and iPad

gDMSS for Android System: Support Android OS 2.0 or higher

DMSS for Blackberry System: Support Blackberry OS 4.6 or higher

DMSS for Symbian System: Support Symbian S60 3rd

DMSS for Window Mobile System: Support Windows Mobile OS 5.0 or higher

DMSS for Windows System: Support Windows Phone OS 7.0 or higher

Features

DMSS for ios/Android/Windows phone8

- Multi-Language: English, Spanish, Portuguese, Polish, French, German, Japanese, Dutch, Russian, Traditional Chinese, Simplified Chinese, Italian
- Live preview with main stream and extra stream optional, support 1080P 1fps, 720P 3fps, D1 12fps (only for ios and Andorid)
- Color setting
- Alarm Out function: Relay Function supports remote control over alarms or home appliances, such as siren, air conditioner and etc.
- Support recording locally
- HDD report to get the information of HDD in devices
- Scan QR code to get the DDNS address of devices (Only for ios and Android)
- DDNS account register and sync(Only for ios and Android)
- Add Playback/Image Choices with ALARM PUSH: Alarm Push with three different types enables you to acquire instant messages for what happened in your monitoring environment (Only for ios and Android)
- E-Map: Self-add cameras onto the imported E-map to easy get your target video & realize easy device management
- Task Wheel to change Favorites Group: A simple tap to add "Favorite Group"; A little Slide to get your "Favorite Group"

DMSS for Blackberry/Symbian/Window Mobile/Windows Phone

- Remote surveillance anytime and anywhere
- Up to 4 channel live display
- Remote control for PTZ cameras
- Connection up to 4/8/16/32 channels
- The connection information is saved automatically
- Compatible with Dahua DVR, IP cameras and Video Servers

* For more details, please check with each model



ACCESSORY

Accessory

Lens Selection

Megapixel Lens

Model	DH-LM30G	DH-RV0550D.R	DH-RV03312D.IR	DH-SV1040GNBIRMP
Image				
Image size	1/3"	1/3"	1/2.7"	1/2"
Focal-Length(mm)	2.7~9mm	5~50mm	3.3~12mm	10~40mm
Max. Aperture	F1.2	F1.4	F1.4	F1.4
Angle of View	Wide Tilt			
	138(D)×110(H)×83(V) 39.5(D)×31.6(H)×23.7(V)	61.3(D)×49(H)×36.7(V) 6.8(D)×5.4(H)×4.1(V)	102(D)×79.3(H)×59.5(V) 37.3(D)×25.8(H)×22.4(V)	45.6(D)×35.5(H)×25.9(V) 12.6(D)×10.3(H)×8(V)
MOD	0.2m	0.5m	0.2m	0.5m
Lens Control	focus zoom iris			
	Manual Manual DC Auto Iris	Manual Manual DC Auto Iris	Manual Manual DC Auto Iris	Manual Manual DC Auto Iris
Mount	CS	CS	CS	CS
Dimensions	Φ40×32×46mm	Φ64.4×38×33mm	Φ37.9×43×29mm	Φ45×52×74.3mm
Weight	75g	118g	58g	174g

Standard Definition Lens

Model	DH-SSV2812GNB	DH-13VG2812ASII	DH-13VG550ASII	DH-H6Z0812AIDC
Image				
Image size	1/3"	1/3"	1/3"	1/2"
Focal-Length(mm)	2.8-12mm	2.8-12mm	5-50mm	8~48mm
Max. Aperture	F1.4	F1.4	F1.4	F1.2
Angle of View	Wide Tilt			
	92.2(H)×69.1(V) 22.8(H)×17.2(V)	97.4(H)×72.5(V) 24.1(H)×18.1(V)	53.6(H)×40.5(V) 5.6(H)×4.2(V)	44.6(H)×33.5(V) 18(H)×6.1(V)
MOD	0.3m	0.3m	0.3m	1.2m
Lens Control	focus zoom iris			
	Manual Manual DC auto iris	Manual Manual DC auto iris	Manual Manual DC auto iris	Manual Manual DC Auto Iris
Mount	CS	CS	CS	C
Dimensions	Φ39×49×62mm	Φ41×52.2×53mm	Φ40×57.7×59.2mm	Φ51×63.2×97mm
Weight	50g	71g	84g	295g

Mounting Accessories

Optical Transceiver/ Switch

Model	OTE103T/R	S1000-8TP	S3000-16X	S4000-7X
Image				
Physical Port	1*100Mbps FC fiber port, 1*10/100Mbps Base-T RJ45	8*10/100Mbps Base-T RJ45 port, 1*10/100/1000Mbps Base-T RJ45 port, 1*1000Mbps Base-X SFP fiber port	16*100Mbps Base-X SFP fiber port , 2*1000Mbps Combo port	2*1000Mbps Base-X SFP fiber port , 4*10/100Mbps Base-T RJ45 port, 1*10/100/1000Mbps Base-T RJ45 port
Other Port	/	/	/	Alarm 4 in/2 out, 2*RS232, 4*RS485
Switch Capacity	/	5.6Gbps	7.2Gbps	6.8Gbps
Forwarding Rate	/	4.166Mpps	5.36Mpps	5.06Mpps
Webmaster	/	NO	Web, SNMP	Web, SNMP
Feature	/	Port 1,2 support 60W, IEEE802.3at, IEEE802.3af Port 3,4 support IEEE802.3at , IEEE802.3af Port 5,6,7,8 support IEEE802.3 af (Total output Power 120w)	Link Aggregation	Ring Network
Transmission Cable	Single-mode Fiber	Network Cable/ Single-mode Fiber	Network Cable/ Single-mode Fiber	Single-mode Fiber
Transmission Distance	0-20km	0-100m/ 0-20km	0-100m/ 0-20km	0-20km
Power Supply	DC12V 1A	AC 100~240V	AC 90~264V	DC12V 2A/ AC24V
Power Consumption	≤3.5W	≤190W	≤30W	≤15W
Temperature	-40°C ~75°C	-10°C ~55°C	-10°C ~55°C	-40°C ~75°C
Humidity	10%~90% RH	10%~90% RH	10%~90% RH	10%~90% RH
Unit Weight	0.2kg	2.5kg	3.5kg	1.5kg
Dimension	104.6mm×96.2mm×29.5mm	300mm×220mm×44.4mm	440mm×300mm×43.5mm	210mm×132mm×52mm
Installation	Wall mount	Non-standard Rack mount	19" standard Rack mount	Non-standard Rack mount

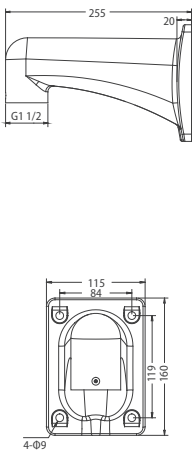
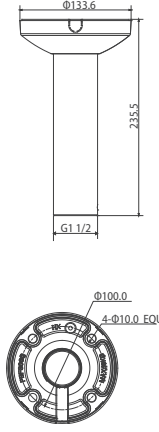
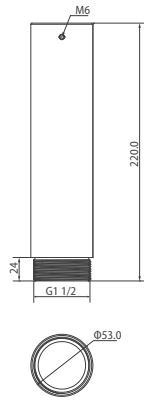
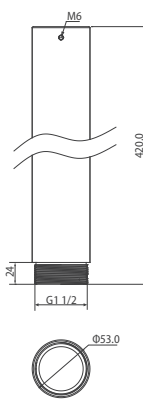
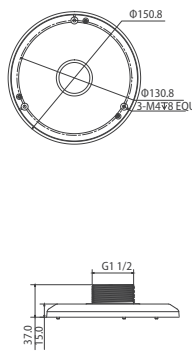
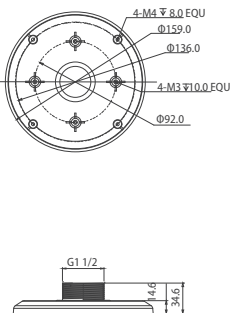
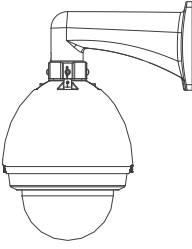
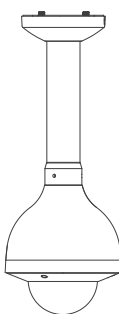
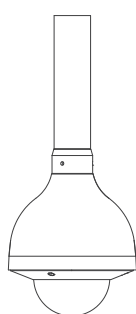
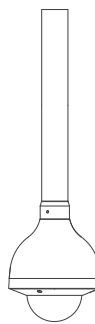
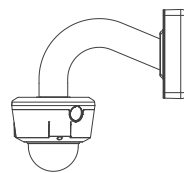
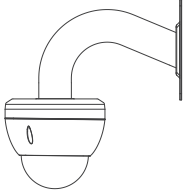
Mounting Accessories

Wall Mount Bracket

Model	PFB120W	PFB121W	PFB200W	PFB201W	PFB300S	PFB302S
Image						
Material	Aluminum	Aluminum	Aluminum & ABS	Aluminum	Aluminum	Aluminum
Dimension	58mm×80mm×189mm	58mm×88mm×191mm	120mm×74mm×160mm	155mm×160mm×251mm	160mm×160mm×228mm	134mm×134mm×188mm
Mast Diameter	N/A	N/A	N/A	N/A	N/A	N/A
Pipe Thread	N/A	N/A	N/A	N/A	G 1 1/2"	G 1 1/2" M20(G 1/2")
Weight	0.38kg	0.38kg	0.35kg	0.65kg	0.5kg	0.7kg
Load Bearing	1.0kg	1.0kg	1.0kg	2.0kg	4.0kg	3.0kg
Operating Temperature	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C
Humidity	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH
Color	white	white	white	white	white	white
Dimensions						
Application						

Mounting Accessories

Wall Mount Bracket / Ceiling Mount Bracket / Mount Adapter

Model	PFB303W	PFB300C	PFA112	PFA113	PFA100	PFA101
Image						
Material	Aluminum	Aluminum & PC	Aluminum	Aluminum	Aluminum	Aluminum
Dimension	115mm×160mm×255mm	Φ134mm×236mm	Φ53mm×220mm	Φ53mm×420mm	Φ151mm×37mm	Φ159mm×35mm
Mast Diameter	N/A	N/A	N/A	N/A	N/A	N/A
Pipe Thread	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"
Weight	0.7kg	0.75kg	0.5kg	1.0kg	0.2kg	0.23kg
Load Bearing	7.0kg	7.0kg	N/A	N/A	N/A	N/A
Operating Temperature	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C
Humidity	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH
Color	white	white	white	white	white	white
Dimensions						
Application						

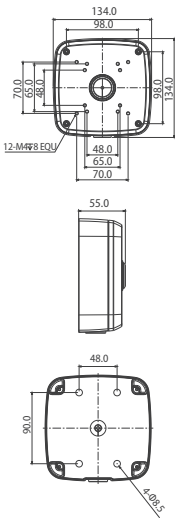
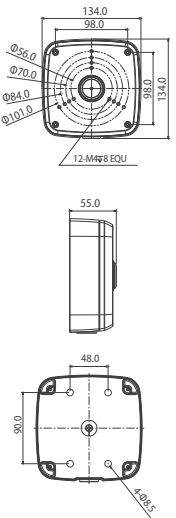
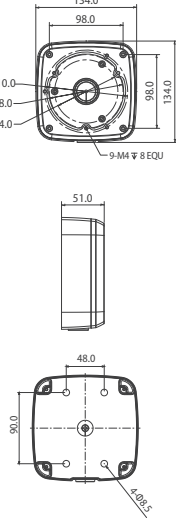
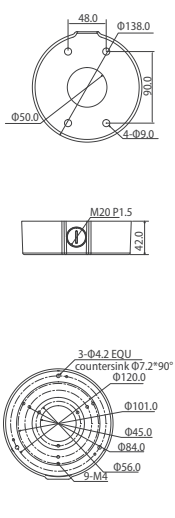
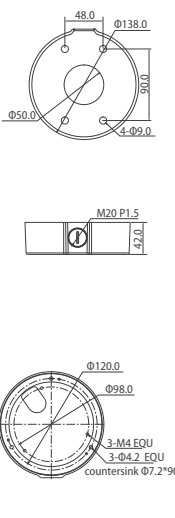
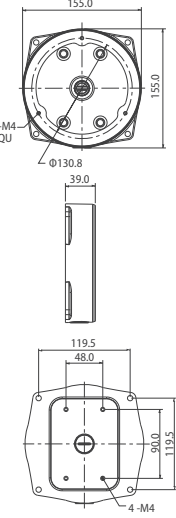
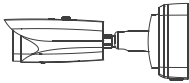
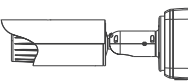
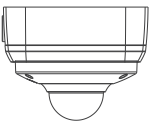
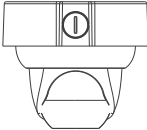
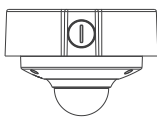
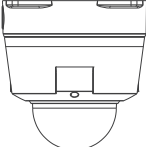
Mounting Accessories

Mount Adapter / Junction Box

Model	PFA102	PFA103	PFA110	PFA111	PFA114	PFA120
Image						
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Dimension	Φ169mm×37mm	Φ133mm×37mm	Φ59mm×53mm	Φ60mm×48mm	Φ60mm×50mm	115mm×160mm×37mm
Mast Diameter	N/A	N/A	N/A	N/A	N/A	N/A
Pipe Thread	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"	M20(G 1/2")
Weight	0.25kg	0.13kg	0.2kg	0.23kg	0.25kg	0.5kg
Load Bearing	N/A	N/A	N/A	N/A	N/A	7.0kg
Operating Temperature	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C
Humidity	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH
Color	white	white	white	white	white	white
Dimensions						
Application						

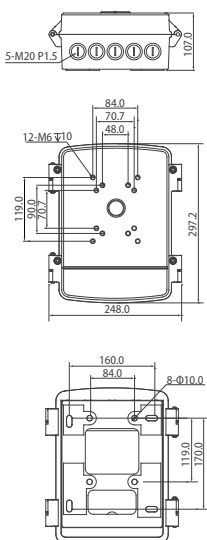
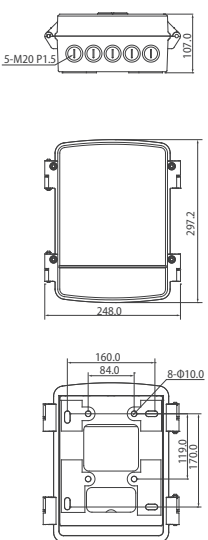
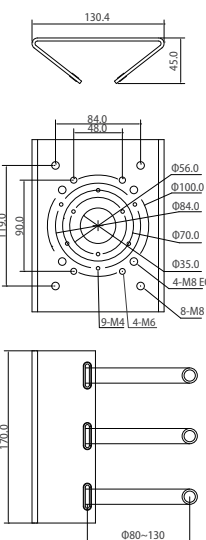
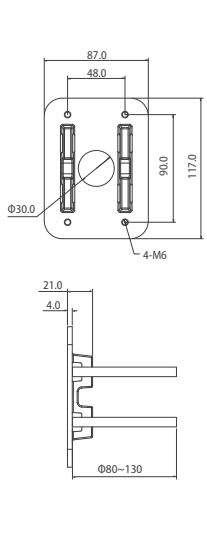
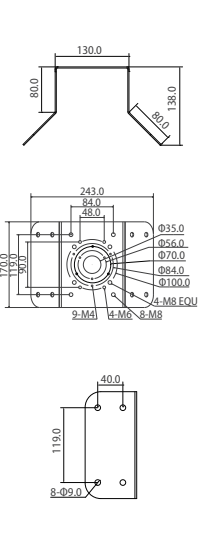
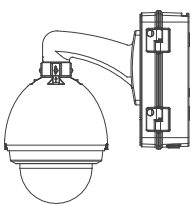
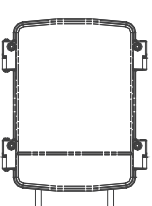
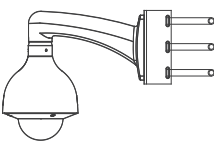
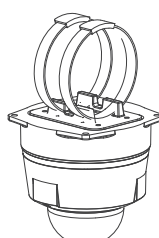
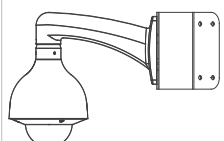
Mounting Accessories

Junction Box

Model	PFA121	PFA122	FA123	PFA130	PFA131	PFA132
Image						
Material	Aluminum	Aluminum	Aluminum	Aluminum & SECC	Aluminum & SECC	Aluminum
Dimension	134mm×134mm×55mm	134mm×134mm×55mm	134mm×134mm×51mm	Φ138mm×42mm	Φ138mm×42mm	155mm×155mm×39mm
Mast Diameter	N/A	N/A	N/A	N/A	N/A	N/A
Pipe Thread	M20(G 1/2")	M20(G 1/2")	M20(G 1/2")	M20(G 1/2")	M20(G 1/2")	M20(G 1/2")
Weight	0.5kg	0.5kg	0.6kg	0.4kg	0.4kg	0.6kg
Load Bearing	3.0kg	3.0kg	3.0kg	3.0kg	3.0kg	3.0kg
Operating Temperature	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C
Humidity	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH
Color	white	white	white	white	white	white
Dimensions						
Application						

Mounting Accessories

Power Box/ Pole Mount Bracket/ Corner Mount Bracket

Model	PFA140	PFA141	PFA150	PFA152	PFA151
Image					
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Dimension	297mm×248mm×107mm	297mm×248mm×107mm	131mm×170mm×45mm	118mm×87mm×21mm	243mm×170mm×138mm
Mast Diameter	N/A	N/A	Φ80-130mm	Φ80-130mm	N/A
Pipe Thread	M20(G 1/2")	M20(G 1/2")	N/A	N/A	N/A
Weight	1.7kg	1.7kg	1.0kg	0.2kg	1.7 kg
Load Bearing	8.0kg	8.0kg	10.0kg	3.0kg	10.0kg
Operating Temperature	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C	-40°C ~60°C
Humidity	0~90% RH	0~90% RH	0~90% RH	0~90% RH	0~90% RH
Color	white	white	white	white	white
Dimensions					
Application					

Mounting Accessories

Housing

Model	PFH600N	PFH610N/V	PFH610N/V-H
Image			
Material	ASA (shell) & PC(base)	Aluminum(case) & PC(others)	Aluminum(case) & PC(others)
Product Dimension	312mm×133mm×103mm	404mm×164mm×132mm	404mm×164mm×132mm
Inside Dimension	211mm×73mm×78mm	255mm×90mm×83mm	255mm×90mm×70.5mm 215mm×90mm×83mm
Window Dimension	63(L)×72(W)	100(L)×80(W)/ Φ60mm	100(L)×80(W)/Φ60mm
Power supply	DC12V,AC24V	DC12V,AC24V	AC24V/3A
Cooler	N/A	N/A	ON: 37 °C±5 °C ; OFF: 20 °C±5 °C
Heater	N/A	N/A	ON: 5 °C±5 °C ; OFF: 15 °C±5 °C
IR Distance	N/A	N/A	N/A
Wiper	N/A	N/A	N/A
IP66	YES	YES	YES
IK10	NO	NO /YES	NO /YES
Operating Temperature	-30~60 °C	-30~60 °C	-40~60 °C
Humidity	0~90% RH	0~90% RH	0~90% RH
Weight	0.7kg	2.5kg	2.7kg
Dimensions			
Applicable Bracket	Wall mount: PFB603W	Wall mount: PFB604W Ceiling mount: PFB600W Plane mount: PFB601W, PFA160, PFA161	
Application			

Mounting Accessories

Housing

Model	PFH610N-V-IR	PFH610N-IR-W	PFH610N-W
Image			
Material	Aluminum(case) & PC(others)	Aluminum(case) & PC(others)	Aluminum(case) & PC(others)
Product Dimension	404mm×164mm×132mm	404mm×164mm×175mm	404mm×164mm×175mm
Inside Dimension	255mm×90mm×70.5mm or 215mm×90mm×83mm	255mm×90mm×70.5mm or 215mm×90mm×83mm	255mm×90mm×70.5mm or 215mm×90mm×83mm
Window Dimension	Φ50mm	Φ50mm	100(L)×80(W)
Power supply	AC24V/5A	AC24V/5A	AC24V/3A
Cooler	ON: 37 °C±5 °C ; OFF: 20 °C±5 °C	ON: 37 °C±5 °C ; OFF: 20 °C±5 °C	ON: 37 °C±5 °C ; OFF: 20 °C±5 °C
Heater	ON: 5 °C±5 °C ; OFF: 15 °C±5 °C	ON: 5 °C±5 °C ; OFF: 15 °C±5 °C	ON: 5 °C±5 °C ; OFF: 15 °C±5 °C
IR Distance	0-100m	0-100m	N/A
Wiper	N/A	YES	YES
IP66	YES	YES	YES
IK10	NO /YES	NO	NO
Operating Temperature	-40~60 °C	-40~60 °C	-40~60 °C
Humidity	0~90% RH	0~90% RH	0~90% RH
Weight	3.0kg	3.5kg	3.0kg
Dimensions			
Applicable Bracket	Wall mount: PFB604W Ceiling mount: PFB600W Plane mount: PFB601W, PFA160, PFA161		
Application			



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*Design and specifications are subject to change without notice.

Product Line-up 01, Oct 2014



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