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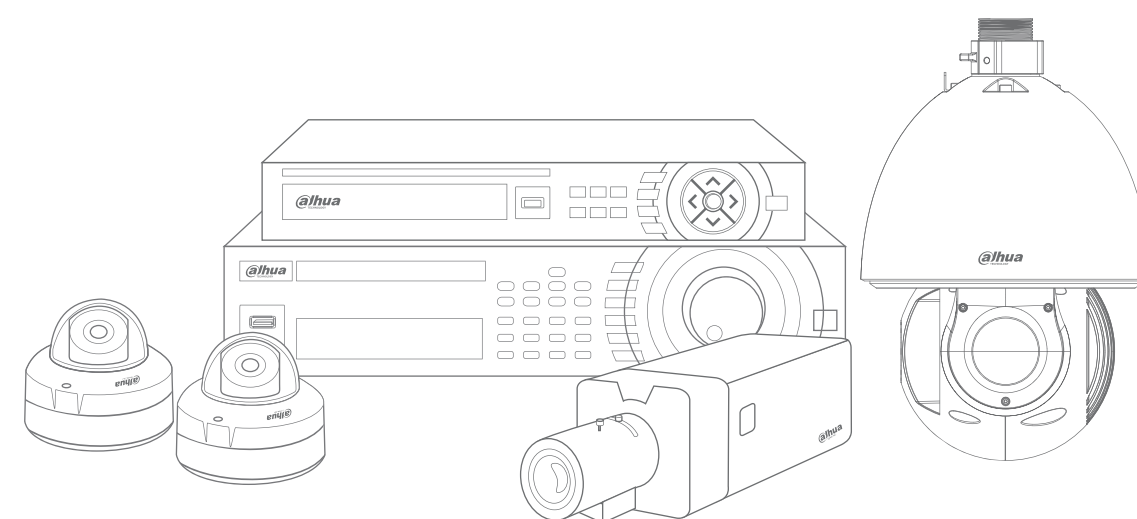
HDCVI Academy



HDCVI

PRODUCT CATALOG

2015 Version 2



*Design and specifications are subject to change without notice.

HDCVI - 2015 Version 2, May 2015



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1080P

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1080P

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Product Line-up

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720P

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Mobile

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HDCVI PTZ Camera

1080P

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DH-SD59212K/220K/230K-HC	100
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720P

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DH-SD6C120K-HC	105
DH-SD59112K/120K-HC	106
DH-SD50/52C120K-HC	107
DH-SD40/42/42C112K-HC	108



Overview

Dahua Technology releases High Definition Composite Video Interface (HDCVI) technology of Independent Intellectual Property Rights. HDCVI is a video transmission technology in high definition via coaxial cable, allowing reliable long-distance HD transmission at lower cost, while complex deployment is applicable.

HDCVI modulates video signal to level and then transmit by adopting base-band and quadrature amplitude modulation; which is also the reason of its naming. This technology avoids the cross talk of CVBS and completely separates the brightness signal and hue signal, hence further enhances video quality.

HDCVI offers two specifications — 1920H (1920×1080) and 1280H (1280×720); which are compatible with the industrial standard 1080p(1920×1080) and 720p(1280×720). In addition, the technology features a patent named auto signal compensation (ASC), which only allows an extremely low signal distortion along long-distance transmission.

HDCVI solution incorporates both cameras and DVRs, and the system is star topology structured; DVR is served as a node to have an over coax P2P (Point-to-Point) transmission to camera. Cable selection is based on transmission distance: cable 75-3 and 75-5 are recommended for transmission within 500 meters, cable 75-5 and above for over 500 meters. Connector or jointing technology could be applied for connecting and the installation is exactly the same as that of conventional analog devices, which posts no special requirements either for indoor or outdoor scenarios with better anti-interference capability offered.

To further realize multiple-signal transmission over one cable, both audio signal and dual-way data communication signal are embedded in a blanking zone; which enhances the synchronization with video signal; and max supports 44.1kHz sampling rate thanks to ASC.

The forward and reverse data channels composite in the frame blanking zone, realizing a two-way end-to-end transmission to support control commands such as camera focus, PTZ control, real-time alarm and etc. The forward outputting data supports high transmission baud rate as the sending time and electric signal baud rate are predictable, meanwhile, the receiving end is of high ASC performance; on the othr hand, the reverse outputting data supports lower baud rate due to its low signal frequency and limited data, which is effected by the impedance matching. However, with ASC adopted, the reverse channel could restore electric signal during long-distance transmission at some degree.

Therefore, HDCVI is an optimal solution for megapixel high definition application, featuring non-latent long-distance transmission at lower cost.

HDCVI Chip

Dahua HDCVI chip comprises transmitting chip (TX) and receiving chip (RX), which are designed for front-end HDCVI cameras and DVRs, respectively; Chips could also be applied in fiber optic transceiver, distributor, matrix as well.

Transmitting Chip (TX)

TX interfaces includes BT1120/BT656 digital video interface, I2S audio interface and I2C configuration interface, which are all of industrial standard design, allowing TX chip to use any standard interface for ISPs and audio chips on the market.

As for analog output, in addition to HDCVI format, the TX chip is also compatible with CVBS. The TX chip supports 1280H@25fps/30fps/50fps/60fps and 1920H@25fps/30fps.

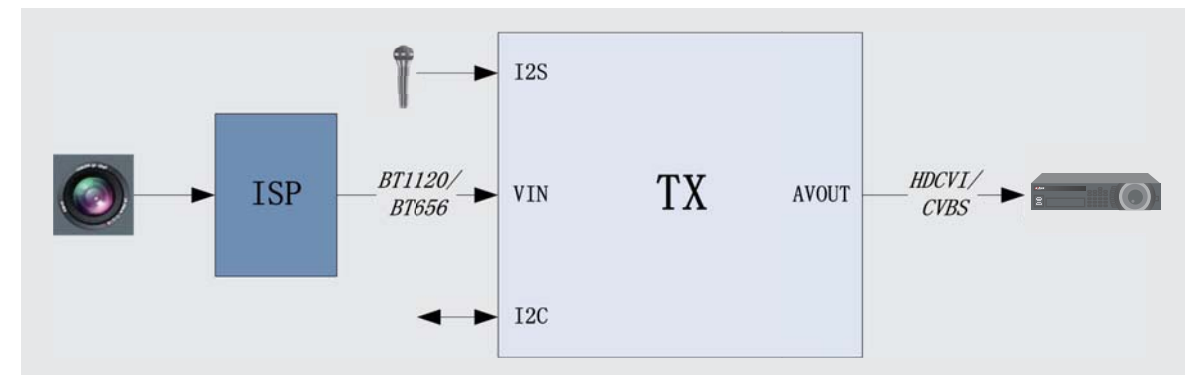


Figure 1 TX Flow Chart

The figure above shows the simplicity of HDCVI solution with TX chip adopted; its tiny size of the chip also makes itself quite suitable for the application in all kinds of camera sizes.

Receiving Chip (RX)

The RX chip supports HDCVI HD inputs and digital video outputs; I2S audio output, multiple-chip audio cascade output as well as I2C configuration interface; it also supports flexible mapping of HDCVI video input channel and digital output channel; each channel is of its own format and built-in equalizer, supporting video parameters setup such as brightness, contrast, hue, saturation, dual-way control signal transmission.

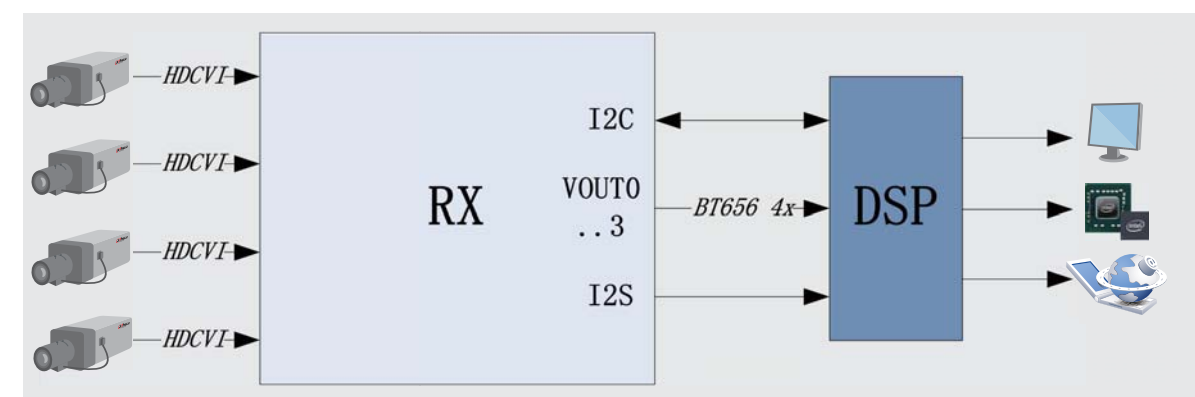


Figure 2 RX Flow Chart

As seen in Figure 2, RX chip has the same interface as AD chip in a conventional analog DVR, which is to say that it provides seamless integration with conventional DVRs; and the built-in equalizer allows HDCVI DVR to receive HD video signal up to 500 meters. The TX chip supports 1280H@25fps/30fps/50fps/60fps and 1920H@25fps/30fps.

In a word, with minor changes done on conventional cameras and DVRs shall the manufacturers embrace a brand-new HDCVI solution, which levels up image quality dramatically, but at a lower cost.

HDCVI Function

HDCVI VS. HD-SDI

Longer Transmission Distance

Both HDCVI and HD-SDI can transfer HD signal @720p/1080p, but HDCVI has a distinguished advantage at the transmission distance. With general transmission media, HD-SDI reaches 100 meters at most while HDCVI, at least, transmits 500 meters by using 75-3 cable and featuring low signal distortion rate.

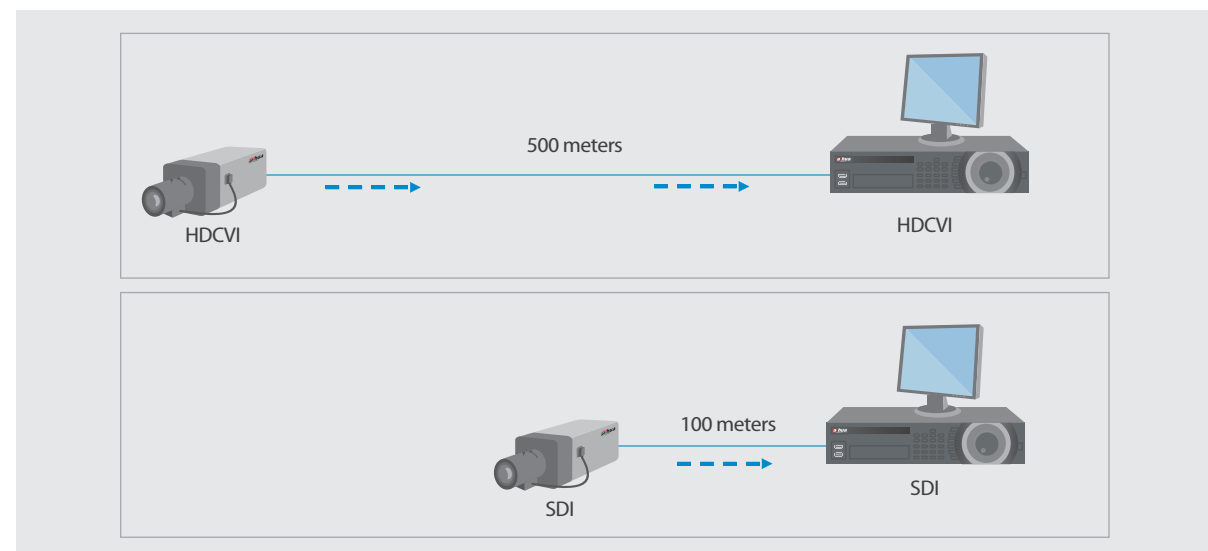


Figure 3 Contrast on Transmission Distance

Better Anti-Interference Capability

The anti-interference capability of HD-SDI solution is relatively poor when been placed against high-frequent radiation environment, which could lead to higher bit error ratio while the HDCVI adopts low-frequency modulation technology, making it free from the high-frequency wireless electric radiation to ensure stable video transmission at high image quality.

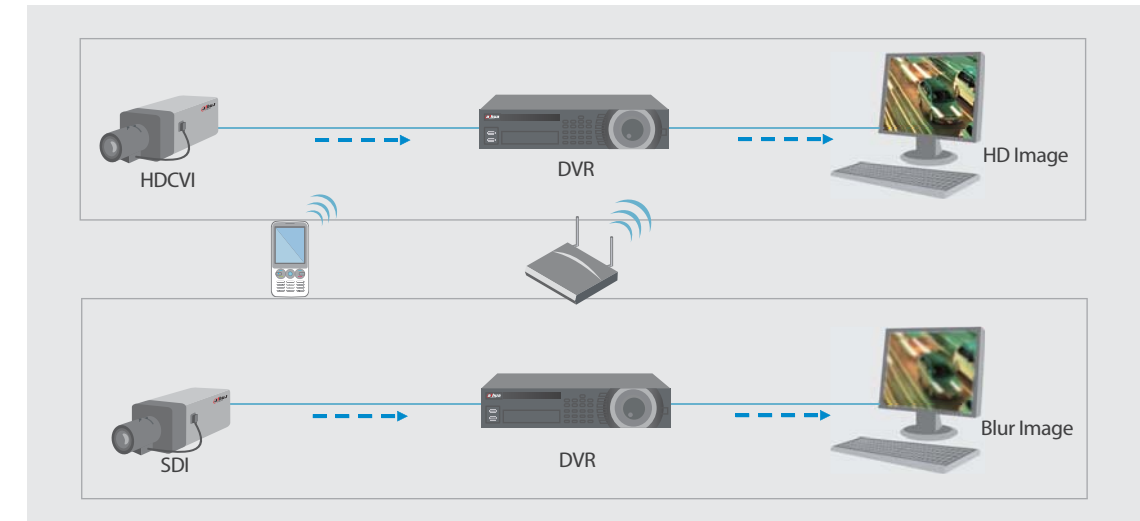


Figure 4 Anti-Interference Capability

HDCVI VS. IP

Reliability

HDCVI adopts P2P transmission to ensure a smooth and reliable transmission; while the transmission of network camera is based on Ethernet and thus may lead to network jitter and packet loss.

Real-time

The network HD features video buffer technology and the delay is controlled within 300 milliseconds in the general and fair networking environment; However, HDCVI features no latency capability for an outstanding real-time performance.

No Compression

For HDCVI, there is no compression processed to maintain its original effect and thus present in vivid image quality.

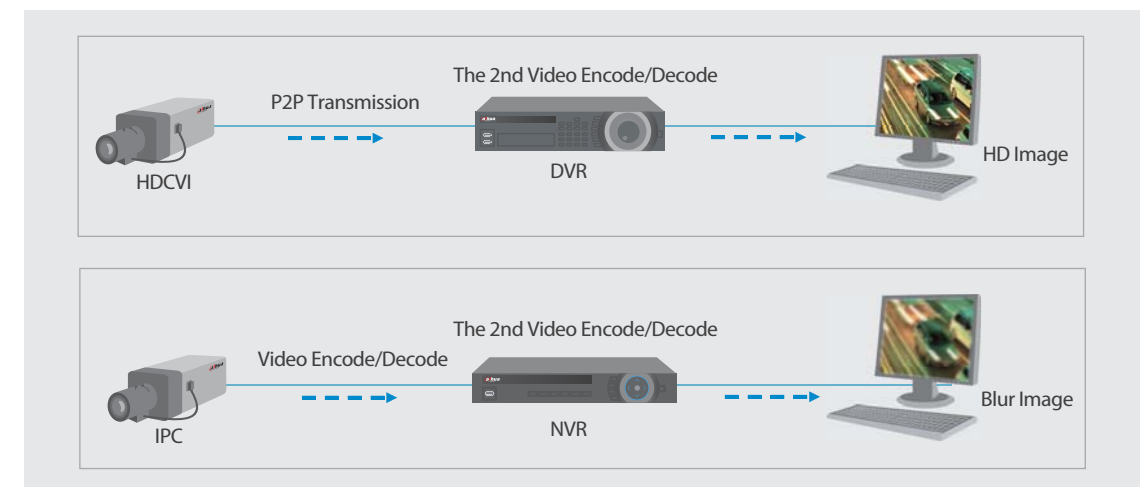


Figure 5

Highlights

Lower Cost

Unlike HD-SDI, which posts high demands on cabling and installation; HDCVI solution inherits the same installing means of conventional analog solutions, which is of great convenience and also decrease the cost.

Smart control

As HDCVI transmits multiple-signal (video/audio and dual-way data) over one cable, it realizes video/audio synchronized transmission and reverse-signal transmission control at the same time, such as PTZ and zoom control; which further simplifies the installation.

HDCVI Case Study

Dahua HDCVI Secures CICA Shanghai

Dahua Technology, a world-leading manufacturer and supplier of video surveillance products headquartered in Hangzhou, China successfully secured five-rated hotels in Shanghai with in-house HDCVI solution. These hotels were playing host to 46 national and organization leaders in Asia during the fourth summit of Conference on Interaction and Confidence-Building Measures (CICA).



CICA Shanghai was hosted during 20th to 21st of May and the conference plays a significant role in security cooperation through out Asia, Xi Jinping, President of People's Republic of China also attended and presided over the summit.

Shanghai municipal government attached great importance to the summit and spared no endeavor to make sure everything goes secured. To level up video surveillance is among on its must-do list. More than 50 reception hotels are required to upgrade surveillance system from standard definition to high definition. And the biggest challenge is under great pressure by time frame, how to make sure the image quality and product replacement would not compromise the daily reception and security concern of these five-star rated hotels.

Under such circumstance and given the fact that these hotels were dominated by conventional analog systems, it came to a natural decision to adopt Dahua HDCVI as it allows easy upgrade without changing the existing cabling while also provides long-distance and non-latent image quality. Moreover, the whole upgrade takes more or less 10 days to as cabling are remained, only cameras, DVRs along with fiber optical transceivers are replaced by HDCVI ones.



With aesthetic requirement for the hotels, HDCVI offers wide range of housings and its speed domes and box cameras are perfectly coexisting with the décor in the lobby, reception, entrance and dining areas.

"This project demonstrates all the benefits of HDCVI and has proved applicable and workable," said Tim Shen, Overseas Marketing Director at Dahua Technology. "Within only 10 days, the whole video surveillance system has been upgraded to high definition which is not likely happened to IP solution. What HDCVI has been offered to the industry is another HD solution and this is highly gratified by our customers while cabling, cost and IP hassles are the concerned issues."

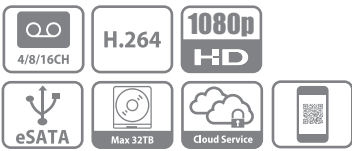


HDCVI DVR

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DH-HCVR7804/7808/7816S

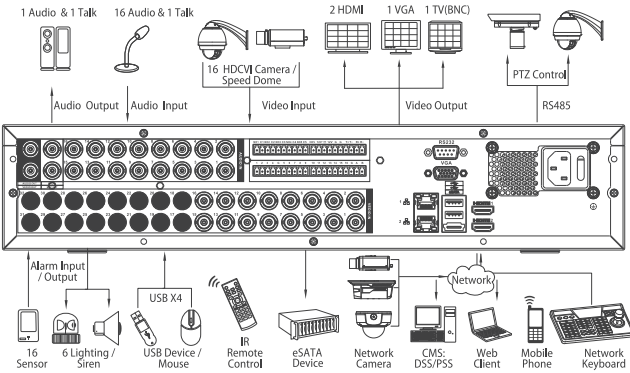
4/8/16CH Tribrid 1080P 2U HDCVI DVR



Features

- Tribrid: Each channel supports HDCVI/Analog/IP Video input
- 1HDMI/VGA/TV simultaneous video output,1 HDMI separate output
- HCVR7804/7808/7816S:All channel 1080P realtime recording
- H.264 dual-stream video compression
- 4/8 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes HCVR7816S as an example



Technical Specifications

Model	DH-HCVR7804S		DH-HCVR7808S		DH-HCVR7816S	
System						
Main Processor		Embedded processor				
Operating System		Embedded LINUX				
Video						
Input		4 channel		8 channel		16 channel
Video Standard	HDCVI	1080P/720P HDCVI Camera				
	Analog	NTSC/PAL				
	IP	All channels support 1080P/720P IP Camera				
Audio						
Input		4 channel, BNC		8 channel, BNC		16 channel, BNC
Output		1 channel, BNC				
Two-way Talk		1 channel input,1channel output, BNC				
Display						
Interface		2 HDMI, 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				
Record Rate	Main stream	1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)				
	Extra stream	CIF/QCIF(1~25/30fps)				
Bit Rate		48~6144Kb/s				
Recording Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop				
Recording 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				
Motion 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		2RJ-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				
Auxiliary Interface						
USB		4 ports(2 Rear), USB2.0				
RS232		1 port, For PC communication & Keyboard				
RS485		1 port RS485 for PTZ control				
General						
Power Supply		AC 100~240 V, 50/60 Hz				
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)				

HDCVI DVR

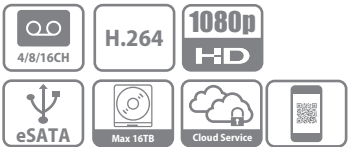
HDCVI Camera

HDCVI PTZ Camera

DH-HCVR7404/7408/7416L



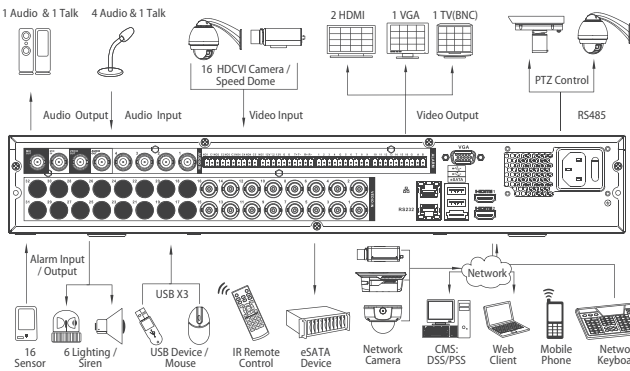
4/8/16CH Tribrid 1080P 1.5U HDCVI DVR



Features

- Tribrid: Each channel supports HDCVI/Analog/IP video input
- 1HDMI/VGA/TV simultaneous video output,1 HDMI separate output
- HCVR7404/7408/7416L:All channel 1080P realtime recording
- H.264 dual-stream video compression
- 4/8 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes HCVR7416L as an example

DH-HCVR7204/7208A-S2

NEW



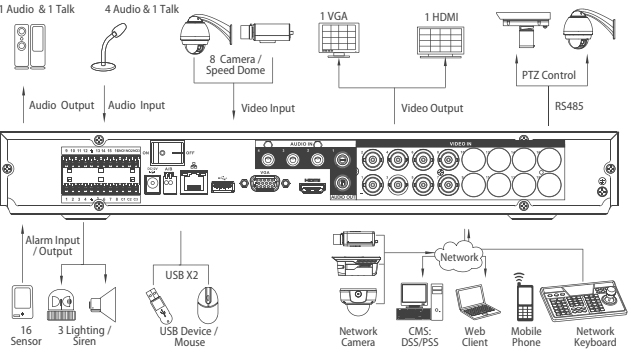
4/8CH Tribrid 1080P 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR7204/7208A-S2: All channel 1080P realtime recording
- 4/8 channel synchronous realtime playback, GRID interface & smart search
- HDMI/VGA simultaneous video output
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- 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
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes HCVR7208A-S2 as an example

Technical Specifications

Model		DH-HCVR7204A-S2		DH-HCVR7208A-S2	
System					
Main Processor		Embedded processor			
Operating System		Embedded LINUX			
Video					
Input		4 channel, BNC		8 channel, BNC	
Standard	HDCVI	1080P/720P HDCVI Camera			
	Analog	NTSC/PAL			
	IP	Support 2ch 1080P/720P IP Camera			
Audio					
Input		4 channel, RCA			
Output		1 channel, RCA			
Two-way Talk		Reuse audio input/output channel 1			
Display					
Interface		1 HDMI, 1 VGA			
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768			
Display Split		1/4		1/4/8/9	
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			
Record Rate	Main stream	1080P/720P/960H/D1(1~25/30fps)			
	Extra stream	CIF/QCIF(1~25/30fps), D1			
Bit Rate		96~6144Kb/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 Event		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	
Relay Output		3 channel			
Playback & Backup					
Sync Playback		1/4		1/4/9	
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)		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, 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			
RS485		1 port, For PTZ control			
General					
Power Supply		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)			

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR7104/7108HE-S2

NEW



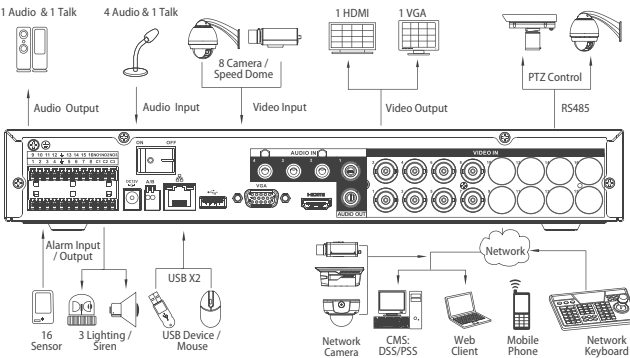
4/8CH Tribrid 1080P Mini 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR7104/7108HE-S2: All channel 1080P realtime recording
- HDMI/VGA simultaneous video output
- 4/8 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 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 HCVR7108HE-S2 as an example

Technical Specifications

Model		DH-HCVR7104HE-S2	DH-HCVR7108HE-S2
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		4 channel, BNC	8 channel, BNC
Standard	Analog	NTSC/PAL	
	HDCVI	1080P/720P HDCVI Camera	
	IP	Support 2ch 1080P/720P IP Camera	
Audio			
Input		4 channel, RCA	
Output		1 channel, RCA	
Two-way Talk		Reuse audio input/output channel 1	
Display			
Interface		1 HDMI, 1 VGA	
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split		1/4	1/4/8/9
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	
Record Rate	Main stream	1080P/720P/960H/D1(1~25/30fps)	
	Extra stream	CIF/QCIF(1~25/30fps), D1	
Bit Rate		96~6144Kb/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		8 channel	16 channel
Relay Output		3 channel	
Playback & Backup			
Sync Playback		1/4	1/4/9
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)	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, 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	DC12V/3A
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-HCVR7104/7108H-S2

NEW



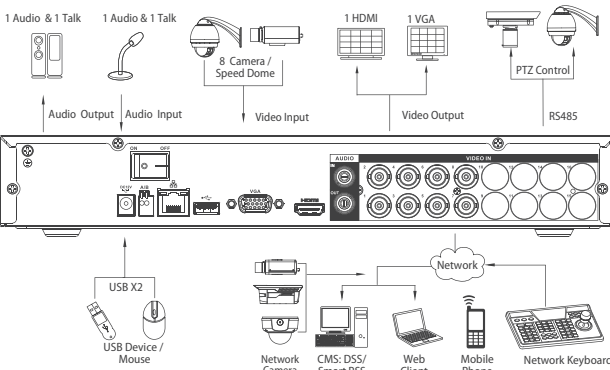
4/8CH Tribrid 1080P Mini 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR7104/7108H-S2: All channel 1080P realtime recording
- HDMI/VGA simultaneous video output
- 4/8 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 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 HCVR7108H-S2 as an example

Technical Specifications

Model	DH-HCVR7104H-V2		DH-HCVR7108H-V2	
System				
Main Processor		Embedded processor		
Operating System		Embedded LINUX		
Video				
Input		4 channel, BNC		8 channel, BNC
Standard	Analog	NTSC/PAL		
	HDCVI	1080P/720P HDCVI Camera		
	IP	Support 2ch 1080P/720P IP Camera		
Audio				
Input		1 channel, RCA		
Output		1 channel, RCA		
Two-way Talk		Reuse audio input/output channel 1		
Display				
Interface		1 HDMI, 1 VGA		
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split		1/4		1/4/8/9
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		
Record Rate	Main stream	1080P/720P/960H/D1(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps), D1		
Bit Rate		96~6144Kb/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, 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
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)		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, 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		DC12V/3A
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)		

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR7104C-S2

NEW



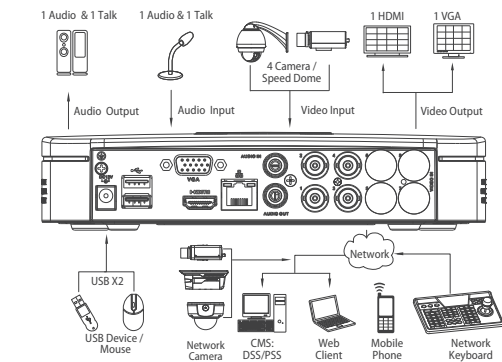
4CH Tribrid 1080P Smart 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR7104C-S2: All channel 1080P realtime recording
- HDMI/VGA simultaneous video output
- 4 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 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 HCVR7104C-S2 as an example

DH-HCVR5824/5832S-S2

NEW



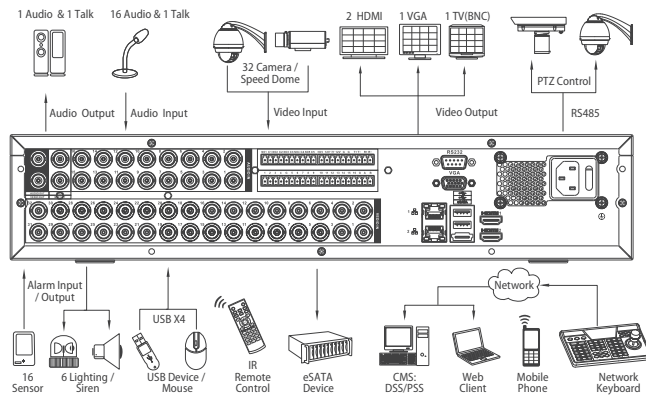
24/32CH Tribrid 720P-Pro 2U HDCVI DVR



Features

- Tribrid: Each channel supports HDCVI/IP Video input
- H.264 dual-stream video compression
- HCVR5824/5832S: All channel 720P realtime recording or 1080P non-realtime recording
- 2HDMI/VGA/TV 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR5832S as an example

Technical Specifications

Model		DH-HCVR5824S	DH-HCVR5832S
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		24 channel, BNC	32 channel, BNC
Standard	HDCVI	1080P/720P HDCVI Camera	
	Analog	NTSC/PAL	
	IP	All channels support 1080P/720P IP Camera	
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	
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	
Record Rate	Main stream	1080P(1~12/15fps)/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~6/7fps)	
Bit Rate		48~4096Kb/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 Event		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		1/4/8/16	
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/eSATA Device/Internal SATA burner/Network	
Network			
Ethernet		2RJ-45 port (10/100M/1000M)	
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		8 SATA ports(8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB	
External HDD		1 eSATA port	
Auxiliary Interface			
USB Interface		4 ports (2 Rear), USB2.0	
RS232		1 port, For PC communication & Keyboard	
RS485		1 port RS485 for PTZ control, 1 port RS422 for Keyboard	
General			
Power Supply		AC 100~240 V, 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)	

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR5424/5432L-S2

NEW

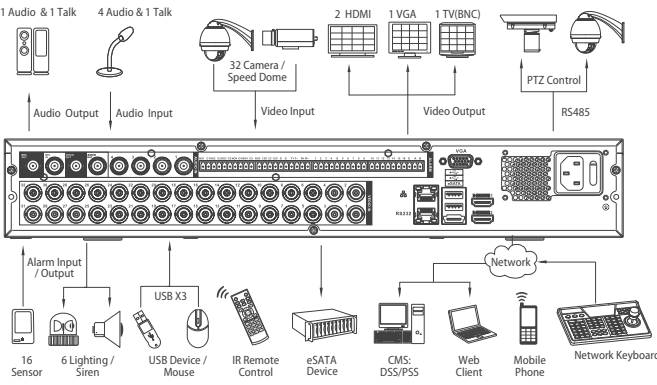
24/32CH Tribrid 720P-Pro 1.5U HDCVI DVR



Features

- Tribrid: Each channel supports HDCVI/IP Video input
- H.264 dual-stream video compression
- HCVR5424/5432L: All channel 720P realtime recording or 1080P non-realtime recording
- 2HDMI/VGA/TV 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes HCVR5432L as an example



DH-HCVR5804/5808/5816S-V2

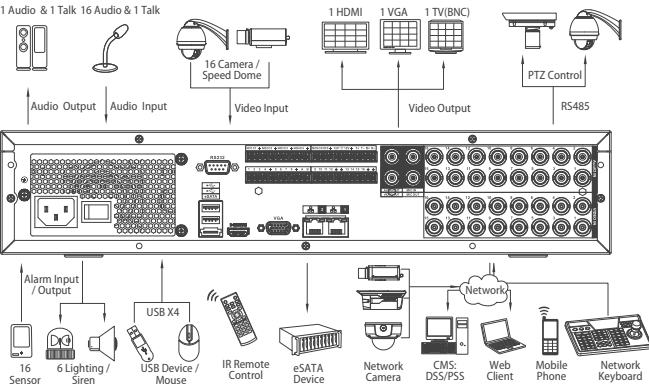
4/8/16CH Tribrid 720P-Pro 2U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR5804/5808/5816S-V2: All channel 720P realtime or 1080P non-realtime recording
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- HDMI/VGA/TV simultaneous video output
- Support 8 SATA HDDs up to 32TB, 1 eSATA, 4 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- ONVIF Version 2.3 conformance
- 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.
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes HCVR5816S-V2 as an example

DH-HCVR5404/5408/5416L-V2

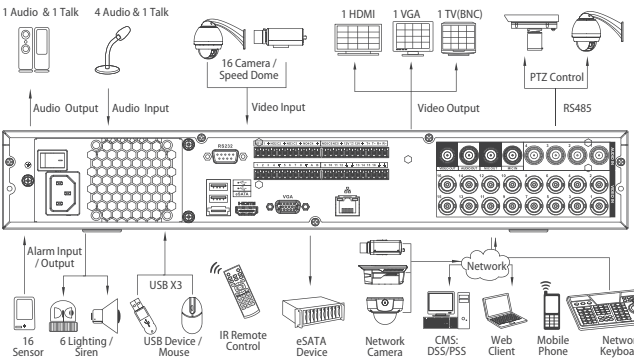
4/8/16CH Tribrid 720P-Pro 1.5U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR5404/5408/5416L-V2: All channel 720P realtime or 1080P non-realtime recording
- 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- HDMI/VGA/TV simultaneous video output
- Support 4 SATA HDDs up to 16TB, 1 eSATA, 3 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- ONVIF Version 2.3 conformance
- 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.
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



* Takes HCVR5416L-V2 as an example

DH-HCVR5204/5208/5216A-S2

NEW

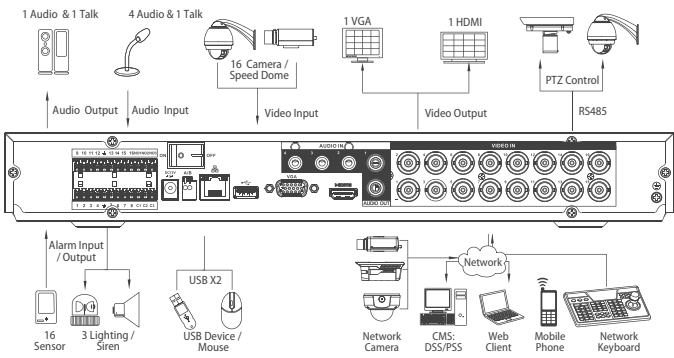
4/8/16CH Tribrid 720P-Pro 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR5204/5208/5216A-S2: All channel 720P realtime or 1080P non-realtime recording
- HDMI/VGA 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR5216A-S2 as an example

Technical Specifications

Model		DH-HCVR5204A-S2		DH-HCVR5208A-S2		DH-HCVR5216A-S2	
System							
Main Processor		Embedded processor					
Operating System		Embedded LINUX					
Video							
Input		4 channel, BNC		8 channel, BNC		16 channel, BNC	
Standard	HDCVI	1080P/720P HDCVI Camera					
	Analog	NTSC/PAL					
	IP	Support 2ch 1080P/720P IP Camera					
Audio							
Input		4 channel, RCA					
Output		1 channel, RCA					
Two-way Talk		Reuse audio input/output channel 1					
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	
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					
Record Rate	Main stream	1080P(1~15fps)/720P/960H/D1 (1~25/30fps)					
	Extra stream	CIF/QCIF(1~25/30fps), D1					
Bit Rate		96~4096Kb/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		8 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, 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)				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, 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					
RS485		1 port, For PTZ control					
General							
Power Supply		DC12V/4A				DC12V/5A	
Power Consumption		15W(without HDD)					
Working Environment		-10°C ~+55°C / 10%~90%RH / 86~106kpa					
Dimension(W×D×H)		1U, 375mm×285mm×55mm					
Weight		2.35kg (without HDD)					

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR5216AN-S2

NEW



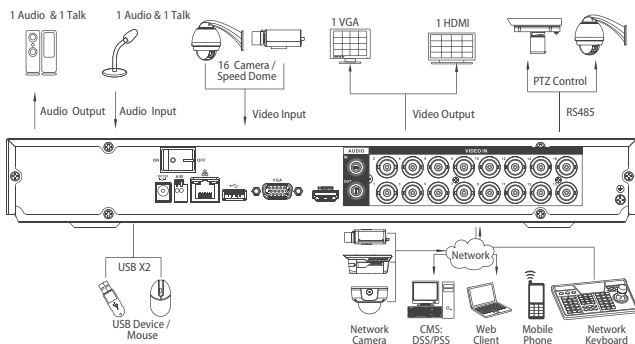
16CH Tribrid 720P-Pro 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR5216AN-S2: All channel 720P realtime or 1080P non-realtime recording
- HDMI/VGA 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, Vivotek and etc.
- ONVIF Version 2.4 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



*Takes HCVR5216AN-S2 as an example

Technical Specifications

Model		DH-HCVR5216AN-S2	
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		16 channel, BNC	
Standard	HDCVI	1080P/720P HDCVI Camera	
	Analog	NTSC/PAL	
	IP	Support 2ch 1080P/720P IP Camera	
Audio			
Input		1 channel, RCA	
Output		1 channel, RCA	
Two-way Talk		Reuse audio input/output channel 1	
Display			
Interface		1 HDMI, 1 VGA	
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split		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) / CIF(352×288/352×240) / QCIF(176×144/176×120)	
Record Rate	Main stream	1080P(1~15fps)/720P/960H/D1 (1~25/30fps)	
	Extra stream	CIF/QCIF (1~25/30fps), D1	
Bit Rate		96~4096Kb/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 Event		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		1/4/9/16	
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/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, 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	
RS485		1 port, For PTZ control	
General			
Power Supply		DC12V/4A	
Power Consumption		15W(without HDD)	
Working Environment		-10°C ~+55°C / 10%~90%RH / 86~106kpa	
Dimension(W×D×H)		1U, 375mm×285mm×55mm	
Weight		2.35kg (without HDD)	

DH-HCVR5104/5108/5116HE-S2

NEW



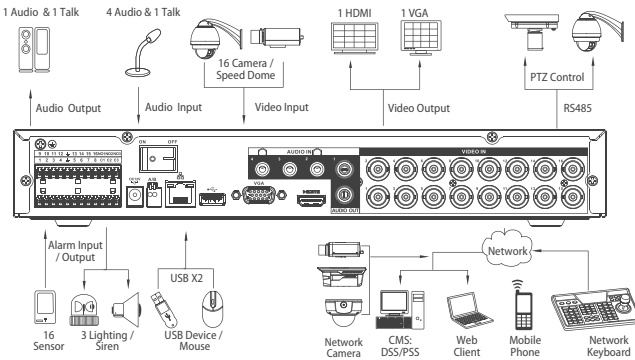
4/8/16CH Tribrid 720P-Pro Mini 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR5104/5108/5116HE-S2: All channel 720P realtime or 1080P non-realtime recording
- HDMI/VGA 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR5116HE-S2 as an example

Technical Specifications

Model		DH-HCVR5104HE-S2		DH-HCVR5108HE-S2		DH-HCVR5116HE-S2	
System							
Main Processor		Embedded processor					
Operating System		Embedded LINUX					
Video							
Input		4 channel, BNC		8 channel, BNC		16 channel, BNC	
Standard	Analog	NTSC/PAL					
	HDCVI	1080P/720P HDCVI Camera					
	IP	Support 2ch 1080P/720P IP Camera					
Audio							
Input		4 channel, RCA					
Output		1 channel, RCA					
Two-way Talk		Reuse audio input/output channel 1					
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	
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					
Record Rate	Main stream	1080P(1~15fps)/720P/960H/D1 (1~25/30fps)					
	Extra stream	CIF/QCIF(1~25/30fps), D1					
Bit Rate		96~4096Kb/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, 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					
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/Internal SATA burner/Network					
Network							
Ethernet		RJ-45 port (10/100M)				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, 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				DC12V/3A	
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)					

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR5104/5108/5116H-S2

NEW



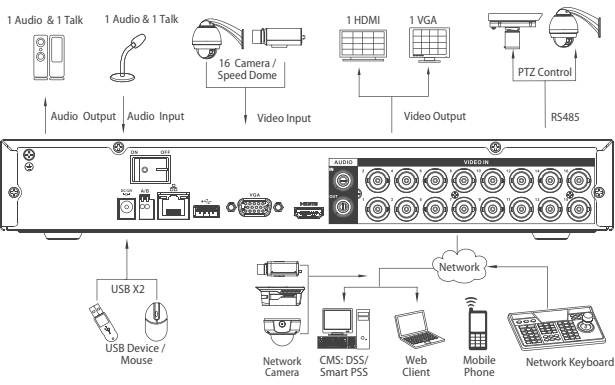
4/8/16CH Tribrid 720P-Pro Mini 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR5104/5108/5116H-S2: All channel 720P realtime or 1080P non-realtime recording
- HDMI/VGA 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR5116H-S2 as an example

DH-HCVR5104/5108C-S2

NEW



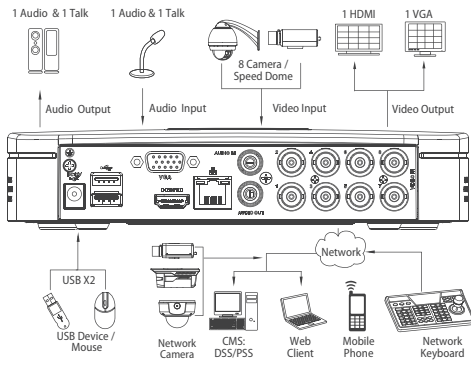
4/8CH Tribrid 720P-Pro Smart 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR5104/5108C-S2: All channel 720P realtime or 1080P non-realtime recording
- HDMI/VGA simultaneous video output
- 4/8 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR5108C-S2 as an example

Technical Specifications

Model		DH-HCVR5104C-S2	DH-HCVR5108C-S2
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		4 channel, BNC	8 channel, BNC
Standard	Analog	NTSC/PAL	
	HDCVI	1080P/720P HDCVI Camera	
	IP	Support 2ch 1080P/720P IP Camera	
Audio			
Input		1 channel, RCA	
Output		1 channel, RCA	
Two-way Talk		Reuse audio input/output channel 1	
Display			
Interface		1 HDMI, 1 VGA	
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split		1/4	1/4/8/9
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	
Record Rate	Main stream	1080P(1~15fps)/720P/960H/D1(1~25/30fps)	
	Extra stream	CIF/QCIF(1~25/30fps), D1	
Bit Rate		96~4096kb/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
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 4TB	
Auxiliary Interface			
USB Interface		2 ports(2 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)		Smart 1U, 205mm×205mm×40mm	
Weight		0.5kg (without HDD)	

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR504



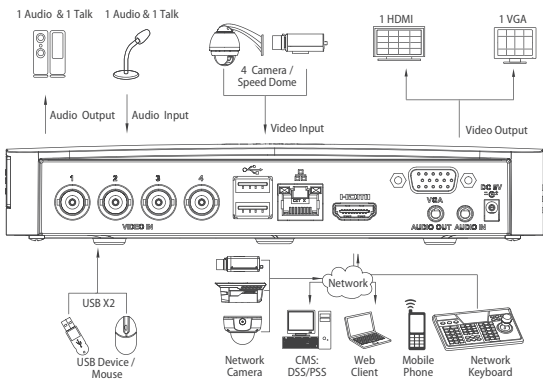
4CH 720P-Pro Smart Box HDCVI DVR



Features

- Up to 4 cameras input
- H.264 dual-stream video compression
- HCVR504: All channel 720P realtime or 1080P non-realtime recording
- HDMI/VGA simultaneous video output
- 4 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, Vivotek and etc.
- ONVIF Version 2.3 conformance
- Support 1 SATA 2.5-inch Removable HDD up to 2TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR504 as an example

DH-HCVR4224/4232L-S2 NEW



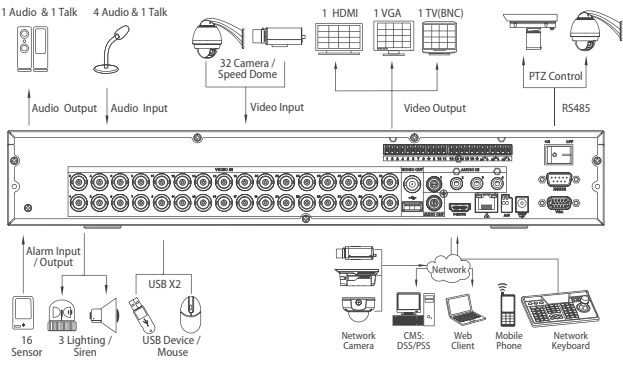
24/32CH Tribrid 720P-Lite 1.5U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR4224/4232L-S2: All channel 720P recording
- 8 channel synchronous realtime playback, GRID interface & smart search
- HDMI/VGA/TV simultaneous video output
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- ONVIF Version 2.4 conformance
- 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.
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR4232L-S2 as an example

Technical Specifications

Model	DH-HCVR4224L-S2		DH-HCVR4232L-S2
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		24 channel, BNC	32 channel, BNC
Standard	HDCVI	720P HDCVI Camera	
	Analog	NTSC/PAL	
	IP	Support 2ch 1080P/4ch 720P IP Camera	
Audio			
Input		4 channel, RCA	
Output		1 channel, RCA	
Two-way Talk		Reuse audio input/output channel 1	
Display			
Interface		1 HDMI, 1 VGA	
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	
Record Rate	Main stream	720P/960H/D1(1~25/30fps)	
	Extra stream	CIF/QCIF(1~12/15fps)	
Bit Rate		32~4096Kb/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		16 channel	
Relay Output		3 channel	
Playback & Backup			
Sync Playback		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/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, 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	
RS485		1 port, For PTZ control	
General			
Power Supply		DC12V/5A	
Power Consumption		15W(without HDD)	
Working Environment		-10°C ~+55°C / 10%~90%RH / 86~106kpa	
Dimension(W×D×H)		1.5U, 440mm×416mm×68mm	
Weight		2.35kg (without HDD)	

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR4224/4232AN-S2

NEW

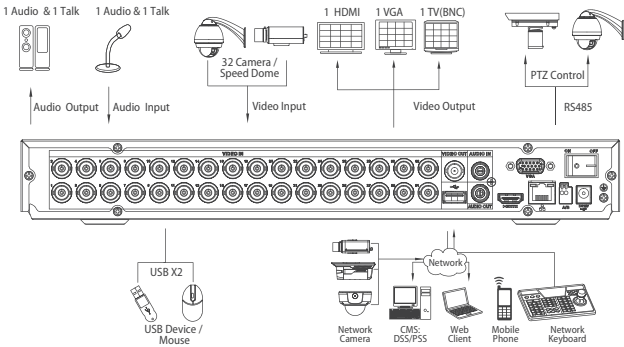
24/32CH Tribrid 720P-Lite 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR4224/4232AN-S2: All channel 720P recording
- 8 channel synchronous realtime playback, GRID interface & smart search
- HDMI/VGA/TV simultaneous video output
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- ONVIF Version 2.4 conformance
- 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.
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR4232AN-S2 as an example

Technical Specifications

Model		DH-HCVR4224AN-S2	DH-HCVR4232AN-S2
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		24 channel, BNC	32 channel, BNC
Standard	HDCVI	720P HDCVI Camera	
	Analog	NTSC/PAL	
	IP	Support 2ch 1080P/4ch 720P IP Camera	
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	
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	
Record Rate	Main stream	720P/960H/D1(1~25/30fps)	
	Extra stream	CIF/QCIF(1~12/15fps)	
Bit Rate		32~4096Kb/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, 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		1/4/9/16	
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/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, 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	
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-HCVR4204/4208/4216A-S2

NEW

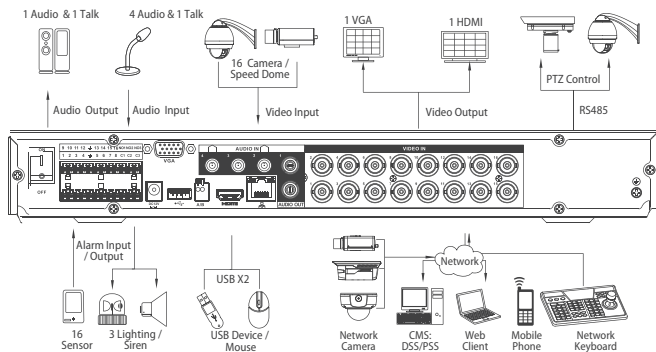
4/8/16CH Tribrid 720P-Lite 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR4204/4208/4216A-S2: All channel 720P recording
- HDMI/VGA simultaneous video output
- 4/8/16 channel synchronous 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR4216A-S2 as an example

Technical Specifications

Model		DH-HCVR4204A-S2	DH-HCVR4208A-S2	DH-HCVR4216A-S2
System				
Main Processor		Embedded processor		
Operating System		Embedded LINUX		
Video				
Input		4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	HDCVI	720P HDCVI Camera		
	Analog	NTSC/PAL		
	IP	Support 2ch 1080P/720P IP Camera		
Audio				
Input		4 channel, RCA		
Output		1 channel, RCA		
Two-way Talk		Reuse audio input/output channel 1		
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
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		
Record Rate	Main stream	720P/960H/D1(1~25/30fps)	1*720P(1~25/30fps) +7*(1~15fps)/960H/D1 (1~25/30fps)	1*720P(1~25/30fps) +15*(1~15fps)/960H/D1 (1~25/30fps)
	Extra stream	CIF/QCIF(1~12/15fps)		
Bit Rate		96~4096Kb/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		8 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, 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		2 SATA ports, up to 8TB		
Auxiliary Interface				
USB Interface		2 ports(1 Rear), USB2.0		
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)		

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR4216AN-S2

NEW



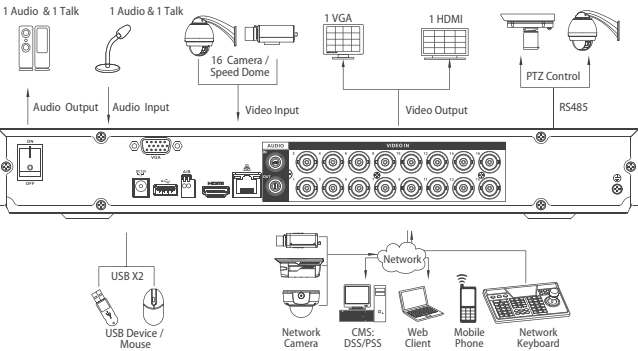
16CH Tribrid 720P-Lite 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR4216AN-S2: All channel 720P recording
- HDMI/VGA simultaneous video output
- 16 channel synchronous 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR4216AN-S2 as an example

Technical Specifications

Model		DH-HCVR4216AN-S2	
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		16 channel, BNC	
Standard	HDCVI	720P HDCVI Camera	
	Analog	NTSC/PAL	
	IP	Support 2ch 1080P/720P IP Camera	
Audio			
Input		1 channel, RCA	
Output		1 channel, RCA	
Two-way Talk		Reuse audio input/output channel 1	
Display			
Interface		1 HDMI, 1 VGA	
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split		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	
Record Rate	Main stream	1*720P(1~25/30fps)+15*(1~15fps)/960H/D1 (1~25/30fps)	
	Extra stream	CIF/QCIF(1~12/15fps)	
Bit Rate		96~4096Kb/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, 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		1/4/9/16	
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/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		2 SATA ports, up to 8TB	
Auxiliary Interface			
USB Interface		2 ports(1 Rear), USB2.0	
RS485		1 port, For PTZ control	
General			
Power Supply		DC12V/4A	
Power Consumption		15W(without HDD)	
Working Environment		-10°C ~+55°C / 10%~90%RH / 86~106kpa	
Dimension(W×D×H)		1U, 375mm×285mm×55mm	
Weight		2.35kg (without HDD)	

DH-HCVR4104/4108/4116HE-S2

NEW



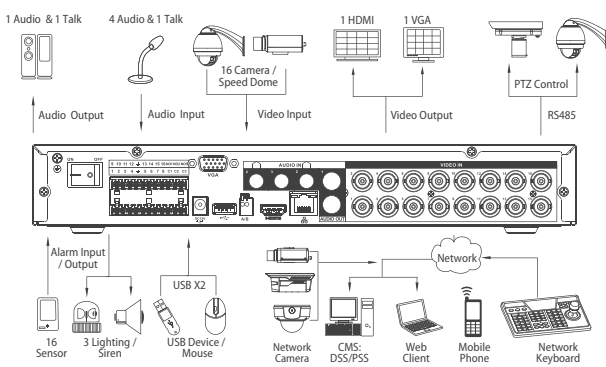
4/8/16CH Tribrid 720P-Lite Mini 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR4104/4108/4116HE-S2: All channel 720P recording
- HDMI/VGA simultaneous video output
- 4/8/16 channel synchronous 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR4116HE-S2 as an example

Technical Specifications

Model	DH-HCVR4104HE-S2		DH-HCVR4108HE-S2	DH-HCVR4116HE-S2
System				
Main Processor		Embedded processor		
Operating System		Embedded LINUX		
Video				
Input		4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	HDCVI	720P HDCVI Camera		
	Analog	NTSC/PAL		
	IP	Support 2ch 1080P/720P IP Camera		
Audio				
Input		4 channel, RCA		
Output		1 channel, RCA		
Two-way Talk		Reuse audio input/output channel 1		
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
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		
Record Rate	Main stream	720P/960H/D1(1~25/30fps)	1*720P(1~25/30fps)+ 7*(1~15fps)/960H/D1 (1~25/30fps)	1*720P(1~25/30fps)+ 15*(1~15fps)/960H/D1 (1~25/30fps)
	Extra stream	CIF/QCIF(1~12/15fps)		
Bit Rate		96~4096Kb/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		
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/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 4TB		
Auxiliary Interface				
USB Interface		2 ports(1 Rear), USB2.0		
RS485		1 port, For PTZ Control		
General				
Power Supply		DC12V/1.5A	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)		

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HCVR4104/4108/4116HS-S2

NEW

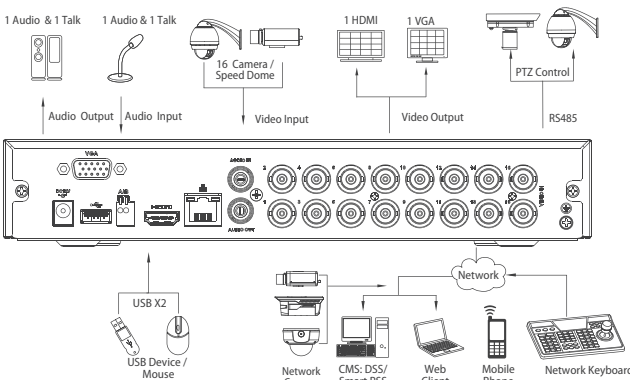
4/8/16CH Tribrid 720P-Lite Compact 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR4104/4108/4116HS-S2: All channel 720P recording
- HDMI/VGA simultaneous video output
- 4/8/16 channel synchronous 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR4116HS-S2 as an example

DH-HCVR4104/4108C-S2

NEW

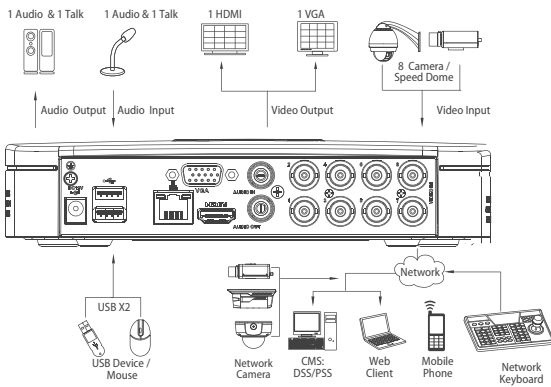
4/8CH Tribrid 720P-Lite Smart 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- HCVR4104/4108C-S2: All channel 720P recording
- HDMI/VGA simultaneous video output
- 4/8 channel synchronous 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, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes HCVR4108C-S2 as an example

DH-iHCVR5104/5108HE-F



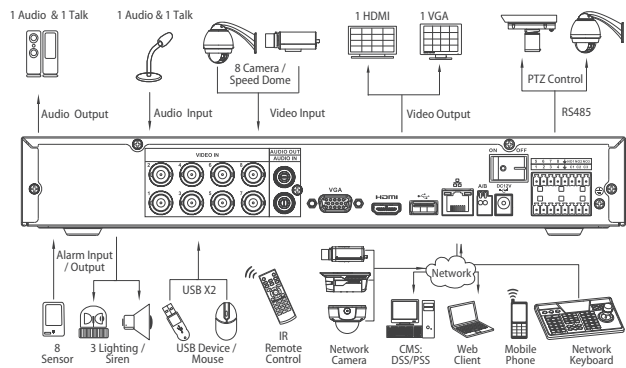
4/8CH 720P Mini 1U Face Detection iHCVR



Features

- Support 1ch face detection, instant playback and face index playback
- Up to 4/8 cameras input
- H.264 dual-stream video compression
- iHCVR5104/5108HE-F: All channel 720P realtime recording
- HDMI/VGA simultaneous video output
- 4/8 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, Vivotek and etc.
- ONVIF Version 2.3 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes iHCVR5108HE-F as an example

Technical Specifications

Model		DH-iHCVR5104HE-F	DH-iHCVR5108HE-F
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		4 channel, BNC	8 channel, BNC
Standard	HDCVI	1080P/720P HDCVI Camera	
	IP	Support 2ch 1080P/720P IP Camera	
Audio			
Input		1 channel, RCA	
Output		1 channel, RCA	
Two-way Talk		Reuse audio input/output channel 1	
Display			
Interface		1 HDMI, 1 VGA	
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split		1/4	1/4/8/9
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(1920×1280)/720P(1280×720)/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	720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)	
Bit Rate		48~4096Kb/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		4 channel	8 channel
Relay Output		3 channel	
Playback & Backup			
Sync Playback		1/4	1/4/9
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 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-iHCVR5104/5108H-F



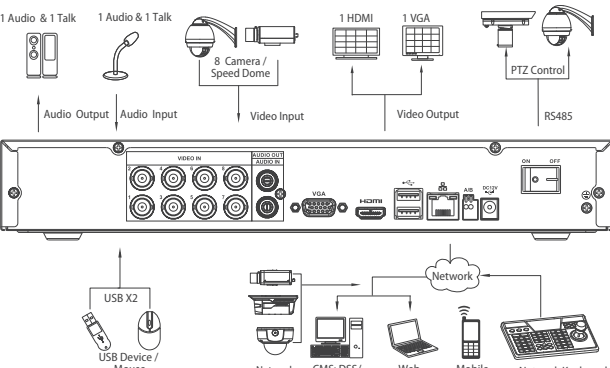
4/8CH 720P Mini 1U Face Detection iHCVR



Features

- Support 1ch face detection, instant playback and face index playback
- Up to 4/8 cameras inputs
- H.264 dual-stream video compression
- iHCVR5104/5108H-F: All channel 720P realtime recording
- HDMI/VGA simultaneous video output
- 4/8 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, Vivotek and etc.
- ONVIF Version 2.3 conformance
- Support 1 SATA HDD up to 4TB, 2 USB2.0
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

System Connection



*Takes iHCVR5108H-F as an example

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

Technical Specifications

Model		DH-iHCVR5104H-F	DH-iHCVR5108H-F
System			
Main Processor		Embedded processor	
Operating System		Embedded LINUX	
Video			
Input		4 channel, BNC	8 channel, BNC
Standard	HDCVI	1080P/720P HDCVI Camera	
	IP	Support 2ch 1080P/720P IP Camera	
Audio			
Input		1 channel, RCA	
Output		1 channel, RCA	
Two-way Talk		Reuse audio input/output channel 1	
Display			
Interface		1 HDMI, 1 VGA	
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split		1/4	1/4/8
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) / CIF(352×288/352×240) / QCIF(176×144/176×120)	
Record Rate	Main stream	720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)	
	Extra stream	CIF/QCIF(1~25/30fps), D1(1~12/15fps)	
Bit Rate		48~4096Kb/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
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 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-MCVR5104 NEW



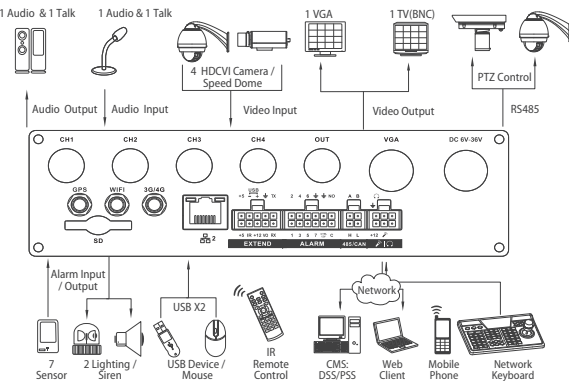
4 Channel Mobile HDCVI DVR



Features

- Support HDCVI/Analog Video input
- H.264 dual-stream video compression
- Support 2 channel 1080P+2 channel 720P realtime recording
- VGA/TV simultaneous video output
- Support 1 SATA HDD, 2 USB2.0
- Aviation connectors adopted
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



Technical Specifications

Model	MCVR5104
System	
Main Processor	Embedded microprocessor
Operating System	Embedded LINUX
Video	
Input	4 channel
Standard	Analog NTSC(525Line), PAL(625Line)
HDCVI	720P/1080P HDCVI Camera
Audio	
Input	4 channel
Output	1 channel
Two-way Talk	1 channel Input, 1 channel Output
Display	
Interface	1VGA, 2TV
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
Record Rate	Main stream 2ch@1080P+2ch@720P(1~25/30fps)
Sub stream	D1(1~6/8fps)/CIF(1~25/30fps)
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, Email, FTP, 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	
Playback	1
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)
Wireless Network	Built-in 3G/ Wi-Fi module(optional)
GPS	Built-in high accurate GPS module(optional)
Network Functions	TCP/IP, UDP, DHCP, 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
Heater	Optional
General	
Power Supply	6V~36V
Power Consumption	<15W(with HDD)
Working Environment	-10°C ~+60°C / 10%~95%RH / 86~106kpa
Dimension(W×D×H)	178mm×220mm×50mm
Weight	2.1KG(with HDD)
Vibration-proof	5Hz~200Hz: X / Y / Z each direction 5.5 hours 5Hz~5.5Hz: Vibration amplitude 12.7mm 5.5Hz~200Hz: 15m/s2

HDCVI CAMERA



DH-HAC-HF3220E NEW



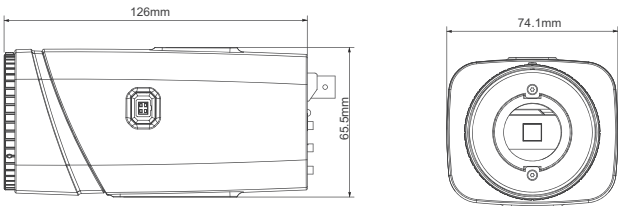
2.4Megapixel 1080P HDCVI Box Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR, Auto Iris
- AC24V/DC12V

Dimensions (mm)



Accessories (optional)



DH-HAC-HFW3220E-Z(H)



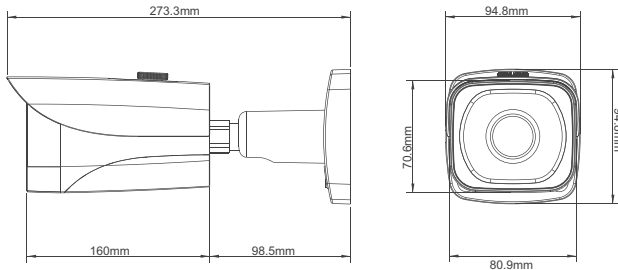
2.4Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- Audio, Alarm, Heater(optional)
- 2.7~12mm motorized lens, Auto Iris
- Max. IR LEDs length 50m, Smart IR
- IP67, AC24V/DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW3220EP-Z(H)	DH-HAC-HFW3220EN-Z(H)
Camera		
Image Sensor	1/2.8" 2.4Megapixel CMOS	
Effective Pixels	1984(H)×1225(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output / CVBS standard definition video output (Can switch)	
	Tester out (1-channel BNC HDCVI high definition video output / CVBS standard definition video output)	
Camera Features		
Max. IR LEDs Length	50m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	2.7~12mm	
Angle of View	H: 105.5°~32.9°	
Lens Type	Motorized / Auto Iris	
Mount Type	Ø14	
Auxiliary Functions		
Alarm	1 channel in/out	
Audio	1 channel in	
Heater	Optional	
General		
Power Supply	AC24V±10% / DC12V±10%	
Power Consumption	Max 7.5W	
	Max 13W (HFW3220E-ZH)	
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)	
	-40°C~-+60°C / Less than 95%RH (no condensation) (HFW3220E-ZH)	
Transmission Distance	Over 500m via 75-3 coaxial cable	
Ingress Protection	IP67	
Dimensions(W×D×H)	273.3mm×94.8mm×94.8mm	
Weight	1.2kg	
Material	Metal	

DH-HAC-HDBW3220E-Z(H)

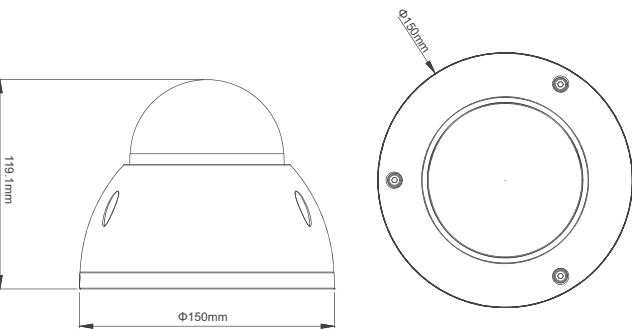
2.4Megapixel 1080P Vandal-proof IR HDCVI Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- Audio, Alarm, Heater(optional)
- 2.7~12mm motorized lens, Auto Iris
- Max. IR LEDs length 50m, Smart IR
- IP67, IK10, AC24V/DC12V

Dimensions (mm)



Accessories (optional)



DH-HAC-HFW2220R-Z(-IRE6)

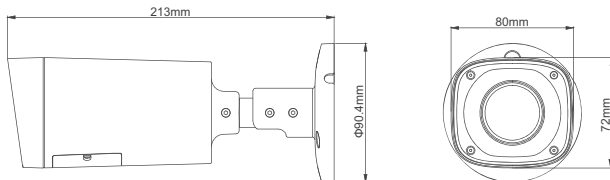
2.4Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m (60m optional), Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDBW3220EP-Z(H)	DH-HAC-HDBW3220EN-Z(H)
Camera		
Image Sensor	1/2.8" 2.4Megapixel CMOS	
Effective Pixels	1984(H)×1225(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output / CVBS standard definition video output (Can switch)	
	Tester out (1-channel BNC HDCVI high definition video output / CVBS standard definition video output)	
Camera Features		
Day/Night	50m, Smart IR	
Backlight Compensation	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	2.7~12mm	
Angle of View	H: 105.5°~32.9°	
Lens Type	Motorized / Auto Iris	
Mount Type	Φ14	
Auxiliary Functions		
Alarm	1 channel in/out	
Audio	1 channel in	
Heater	Optional	
General		
Power Supply	AC24V±10% / DC12V±10%	
Power Consumption	Max 8.4W	
	Max 9.6W (HDBW3220E-ZH)	
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)	
	-40°C~+60°C / Less than 95%RH (no condensation) (HDBW3220E-ZH)	
Transmission Distance	Over 500m via 75-3 coaxial cable	
Ingress Protection	IP67 & IK10	
Dimensions	Φ150mm×119.1mm	
Weight	0.8kg	
Material	Metal	

Technical Specifications

Model	DH-HAC-HFW2220RP-Z	DH-HAC-HFW2220RN-Z
Camera		
Image Sensor	1/2.8" 2.4Megapixel CMOS	
Effective Pixels	1984(H)×1225(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Mini. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	30m (60m optional), Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	2.7~12mm	
Angle of View	H: 105.5°~32.9°	
Lens Type	Motorized / Fixed Iris	
Mount Type	Ø14	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 7.5W(30m IR) / 11W(60m IR)	
Working Environment	-30℃~-60℃ / Less than 95%RH (no condensation)	
Transmission Distance	Over 500m via 75-3 coaxial cable	
Ingress Protection	IP67	
Dimensions(W×D×H)	213mm×80mm×72mm	
Weight	0.55kg	
Material	Metal	

DH-HAC-HFW2220R-VF(-IRE6)

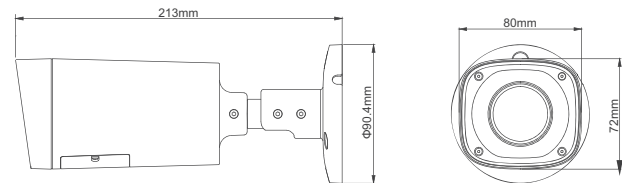
2.4Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m (60m optional), Smart IR
- IP67 DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDBW2220R-Z

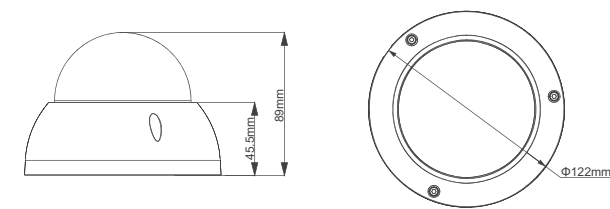
2.4Megapixel 1080P Vandal-proof IR HDCVI Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions (mm)



Accessories (optional)



DH-HAC-HDBW2220R-VF



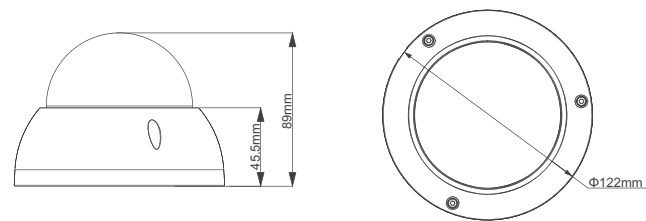
2.4Megapixel 1080P Vandal-proof IR HDCVI Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW2220E-Z NEW



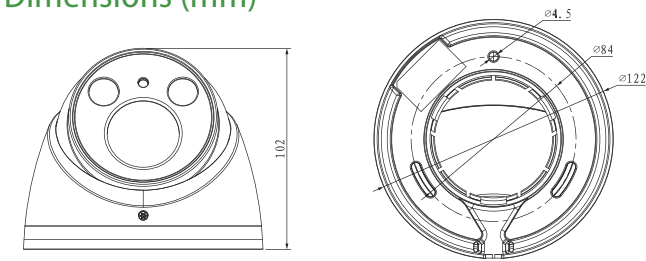
2.4Megapixel 1080P Water-proof IR HDCVI Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 60m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HAC-HDW2220R-VF



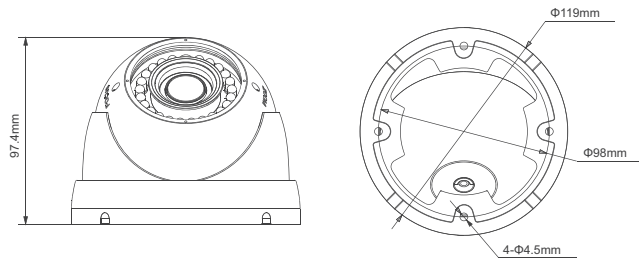
2.4Megapixel 1080P Water-proof IR HDCVI Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



DH-HAC-HFW2220D-B/HFW2220B-B



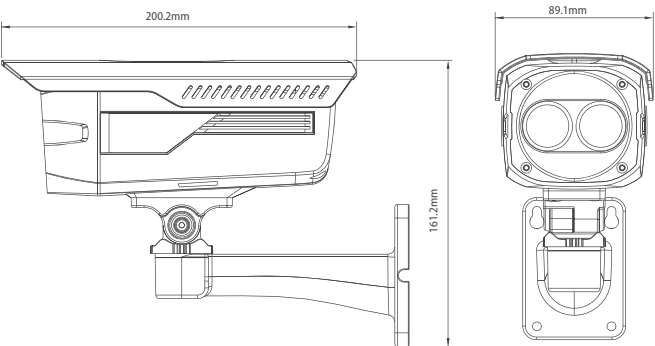
2.4Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 8mm fixed lens (3.6 mm, 6mm, 12mm, 16mm optional) (HFW2220D-B)
- 6mm fixed lens (3.6mm, 8mm optional) (HFW2220B-B)
- Max. IR LEDs length 80m(HFW2220D-B)/50m(HFW2220B-B), Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW2220DP/N-B		DH-HAC-HFW2220BP/N-B
Camera			
Image Sensor	1/2.8" 2.4Megapixel CMOS		
Effective Pixels	1984(H)×1225(V)		
Electronic Shutter	1/3s~1/100,000s		
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P		
Synchronization	Internal		
Min. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
Camera Features			
Max. IR LEDs Length	80m, Smart IR	50m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D/3D		
OSD Menu	Support		
Lens			
Focal length	8mm fixed lens (3.6mm, 6mm, 12mm, 16mm optional)	6mm (3.6mm, 8mm optional)	
Angle of View	H:39°(88°/53.4°/24.6°/19°)	H:53.4°(88°/39°)	
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 8W	Max 6W	
Working Environment	-30℃~-+60℃ / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	200.2mm×89.1mm×161.2mm		
Weight	0.58kg		
Material	Metal(front) + Plastic(body)		

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

DH-HAC-HFW2220E

NEW



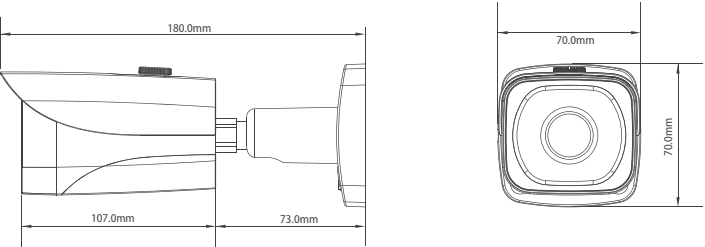
2.4Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (3.6mm, 8mm optional)
- Max. IR LEDs length 40m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW2220S



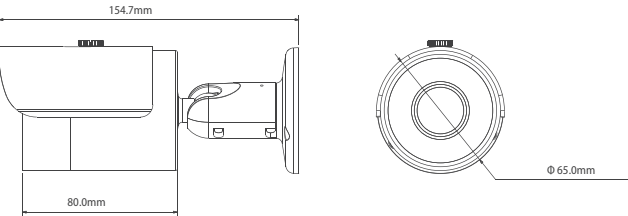
2.4Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (3.6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDBW2220E



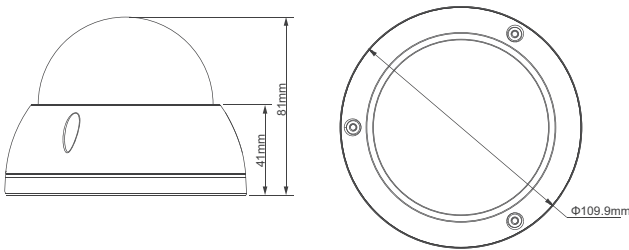
2.4Megapixel 1080P Vandal-proof IR HDCVI Mini Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (3.6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDBW2220F

NEW



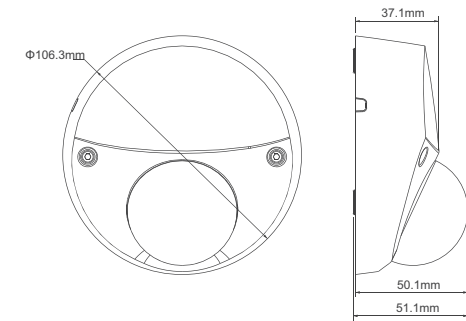
2.4Megapixel 1080P Vandal-proof IR HDCVI Mini Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable;Audio
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDBW2220FP	DH-HAC-HDBW2220FN
Camera		
Image Sensor	1/2.8" 2.4Megapixel CMOS	
Effective Pixels	1984(H)×1225(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Mini. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output / CVBS standard definition video output (Can switch)	
	Tester out (1-channel BNC HDCVI high definition video output / CVBS standard definition video output)	
Camera Features		
Max. IR LEDs Length	20m, Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	3.6mm (6mm optional)	
Angle of View	H: 88°(53.4°)	
Mount Type	M12	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 3.2W	
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 500m via 75-3 coaxial cable	
Ingress Protection	IP67 & IK10	
Dimensions(W×D×H)	Φ106.3mm×51.1mm	
Weight	0.28kg	
Material	Metal	
Others	With pickup	

DH-HAC-HDW2220E NEW

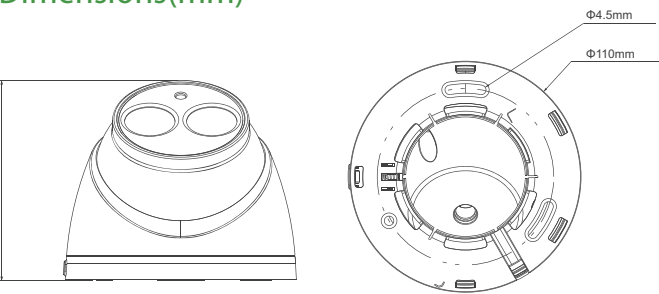
2.4Megapixel 1080P Water-proof IR HDCVI Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (6mm, 8mm optional)
- Max. IR LEDs length 50m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW2220M

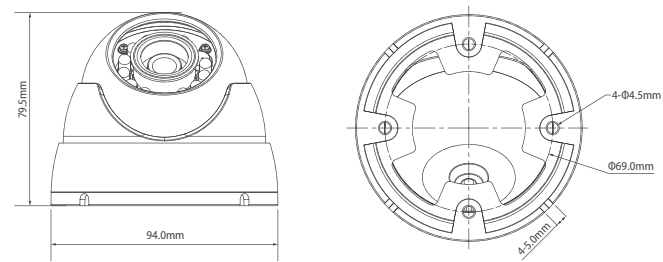
2.4Megapixel 1080P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW2220S

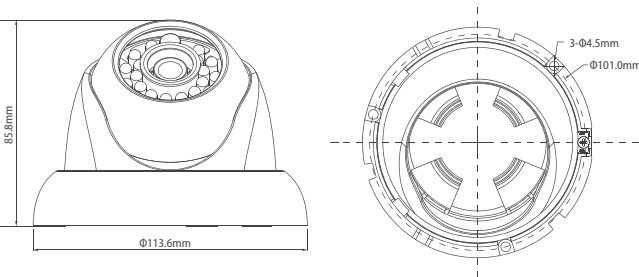
2.4Megapixel 1080P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW1200R-VF(-IRE6) NEW

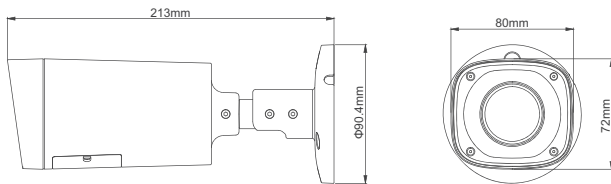
2Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m (60m optional), Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW1200RP-VF		DH-HAC-HFW1200RN-VF
Camera			
Image Sensor	1/2.7" 2Megapixel CMOS		
Effective Pixels	1930(H)×1088(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@1080P	30fps@1080P	
Synchronization	Internal		
Mini. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	30m (60m optional), Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal Length	2.7~12mm		
Angle of View	H: 109°~35°		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±20%		
Power Consumption	Max 3.8W(30m IR)/ 8.5W (60m IR)		
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	213mm×80mm×72mm		
Weight	0.55kg		
Material	Metal		

DH-HAC-HDBW1200R-VF NEW



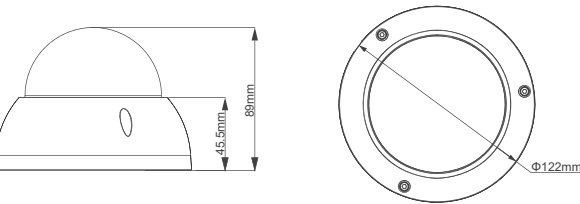
2Megapixel 1080P Vandal-proof IR HDCVI Dome Camera



Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW1200R-VF NEW



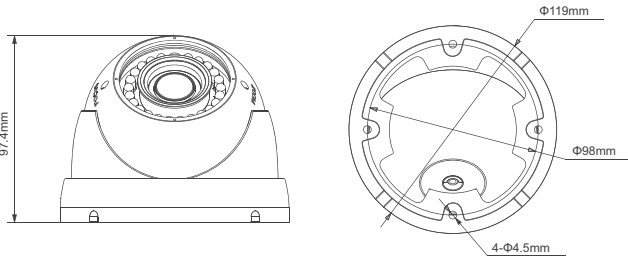
2Megapixel 1080P Water-proof IR HDCVI Dome Camera



Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



DH-HAC-HFW1200B

NEW



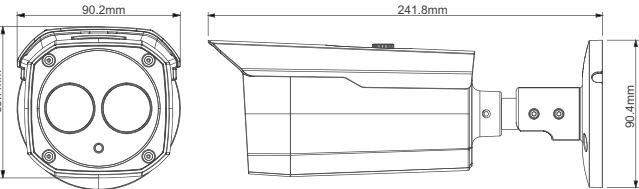
2Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm, 8mm optional)
- Max. IR LEDs length 50m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW1200S

NEW



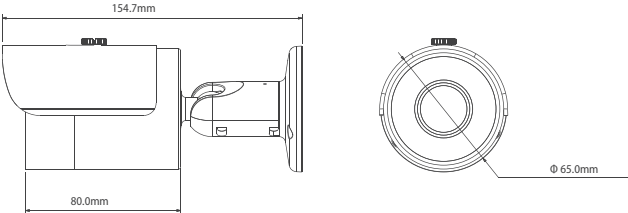
2Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW1200RM NEW

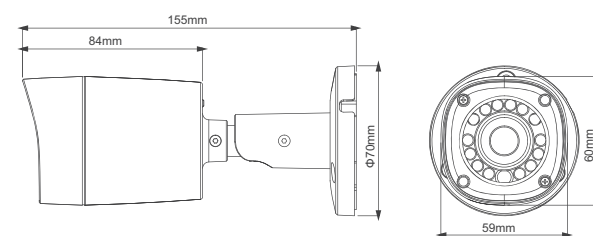
2Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW1200R NEW

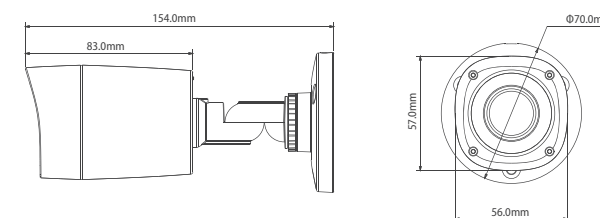
2Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW1200RMP		DH-HAC-HFW1200RMN
Camera			
Image Sensor	1/2.7" 2Megapixel CMOS		
Effective Pixels	1930(H)×1088(V)		
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s
Video Frame Rate	25fps@1080P		30fps@1080P
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	3.6mm fixed lens (6mm optional)		
Angle of View	H: 89.9°(59.4°)		
Mount Type	M12		
General			
Power Supply	DC12V±20%		
Power Consumption	Max 3.5W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	Φ70mm×154mm		
Weight	0.3kg		
Material	Metal		

Technical Specifications

Model	DH-HAC-HFW1200RP		DH-HAC-HFW1200RN
Camera			
Image Sensor	1/2.7" 2Megapixel CMOS		
Effective Pixels	1930(H)×1088(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@1080P	30fps@1080P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	3.6mm fixed lens (6mm optional)		
Angle of View	H: 89.9°(59.4°)		
Mount Type	M12		
General			
Power Supply	DC12V±20%		
Power Consumption	Max 3.5W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	Φ70mm×154mm		
Weight	0.2kg		
Material	Plastic		

DH-HAC-HDBW1200E NEW

2Megapixel 1080P Vandal-proof IR HDCVI Mini Dome Camera



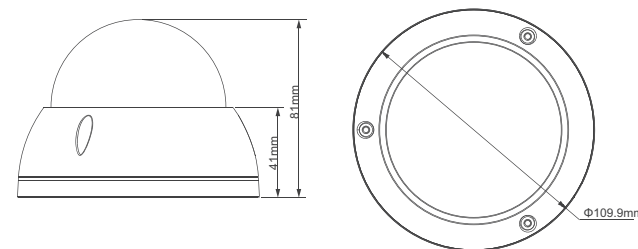
Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Technical Specifications

Model	DH-HAC-HDBW1200EP		DH-HAC-HDBW1200EN
Camera			
Image Sensor	1/2.7" 2Megapixel CMOS		
Effective Pixels	1930(H)×1088(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@1080P	30fps@1080P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	3.6mm (6mm, 8mm optional)		
Angle of View	H: 89.9°(59.4°/41.4°)		
Mount Type	M12		
General			
Power Supply	DC12V±20%		
Power Consumption	Max 3.5W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP67 & IK10		
Dimensions(W×D×H)	Φ109.9mm×81.0mm		
Weight	0.3kg		
Others	Metal		

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW1200E NEW

2Megapixel 1080P Water-proof IR HDCVI Dome Camera



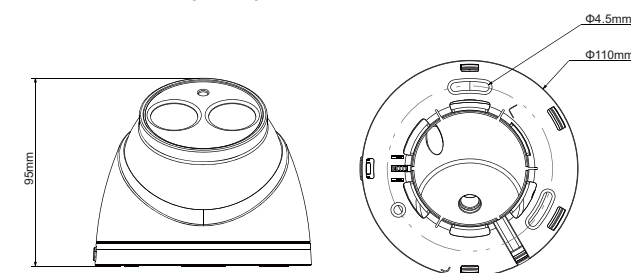
Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 50m, Smart IR
- IP67, DC12V

Technical Specifications

Model	DH-HAC-HDW1200EP		DH-HAC-HDW1200EN
Camera			
Image Sensor	1/2.7" 2Megapixel CMOS		
Effective Pixels	1930(H)×1088(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@1080P	30fps@1080P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	50m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	3.6mm (6mm optional)		
Angle of View	H: 89.9°(59.4°)		
Mount Type	M12		
General			
Power Supply	DC12V±20%		
Power Consumption	Max 3.6W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 500m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	Φ110mm×95.0mm		
Weight	0.3kg		
Material	Metal (inner core) + Plastic (outside)		

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW1200M NEW

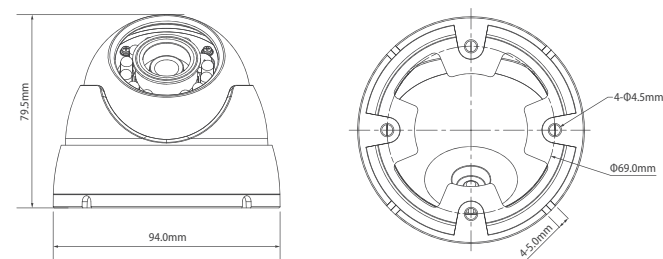
2Megapixel 1080P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/2.7" 2Megapixel CMOS
- 25/30fps@1080P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



PFB204W PFA121 PFA152

DH-HAC-HF3101

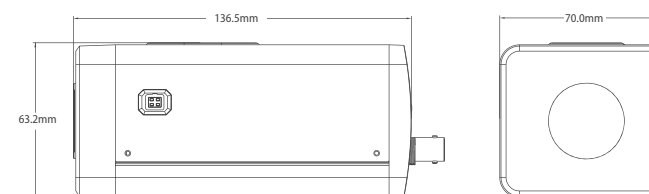
1.3Megapixel 720P WDR HDCVI Camera



Features

- 1/3" 1.3Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switch
- OSD Menu, control over coaxial cable
- WDR(120dB), Day/Night(ICR), 3D-DNR, Auto Iris
- AC24V/DC12V

Dimensions (mm)



Accessories (optional)



PFB110W PFA122 PFA152 PFH610N

Technical Specifications

Model	DH-HAC-HF3101P	DH-HAC-HF3101N
Camera		
Image Sensor	1/3" 1.3Megapixel CMOS	
Effective Pixels	1280(H)×960(V)	
Electronic Shutter	1/1s~1/10,000s	
Video Frame Rate	25/30fps@720P	
Synchronization	Internal	
Min. Illumination	Color: 0.01Lux@F1.2(AGC ON) ; B/W: 0.001Lux@F1.2(AGC ON)	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	WDR (120dB)	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal length	N/A	
Mount Type	C/CS	
Auxiliary Interface		
RS485	1	
Alarm	1 channel out	
Audio	1 channel in	
General		
Power Supply	AC24V/DC12V	
Power Consumption	Max 7W	
Working Environment	-30℃~+60℃ / Less than 95%RH (no condensation)	
Transmission Distance	Over 800m via 75-3 coaxial cable	
Dimensions(W×D×H)	70mm×63.2mm×136.5mm	
Weight	0.65kg	
Material	Metal	

DH-HAC-HFW2120R-Z(-IRE6)

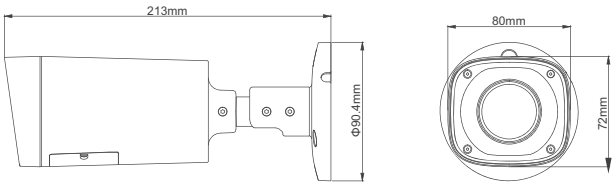
1.4Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m (60m optional), Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW2120R-VF(-IRE6)

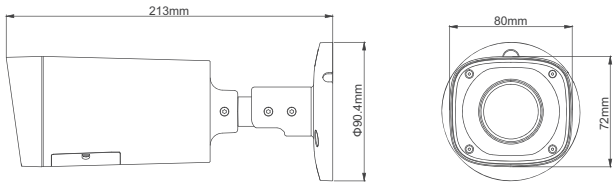
1.4Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m (60m optional), Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDBW2120R-Z

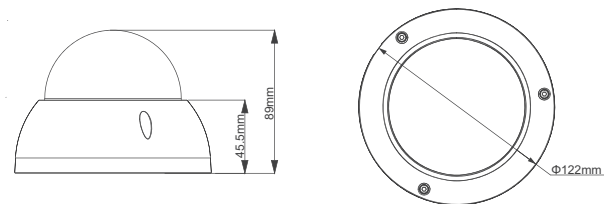
1.4Megapixel 720P Vandal-proof IR HDCVI Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDBW2120R-VF

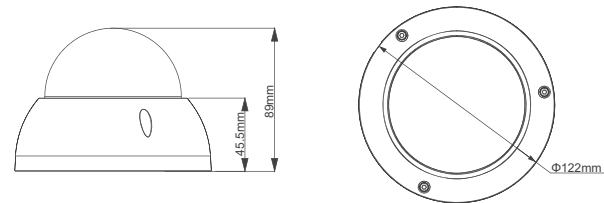
1.4Megapixel 720P Vandal-proof IR HDCVI Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW2120E-Z

NEW



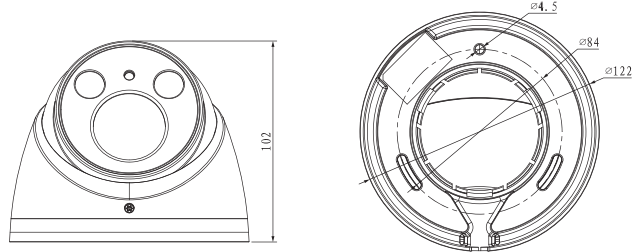
1.4Megapixel 720P Water-proof IR HDCVI Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 60m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW2120R-VF



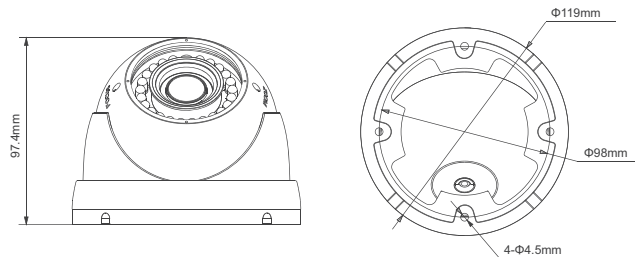
1.4Megapixel 720P Water-proof IR HDCVI Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR,Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



DH-HAC-HFW2120D-B/HFW2120B-B

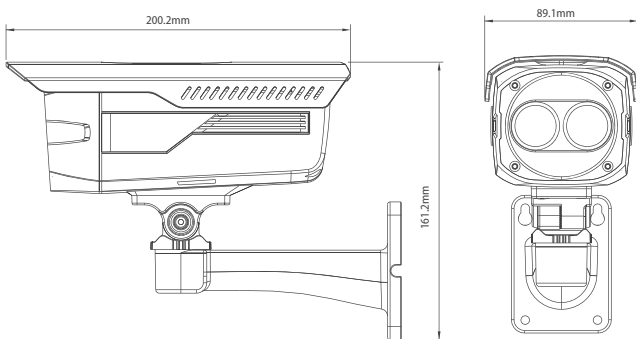
1.4Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR,
- 8mm fixed lens (3.6 mm, 6mm, 12mm, 16mm optional) (HFW2120D-B)
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional) (HFW2120B-B)
- Max. IR LEDs length 80m(HFW2120D-B)/50m(HFW2120B-B), Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW2120E NEW

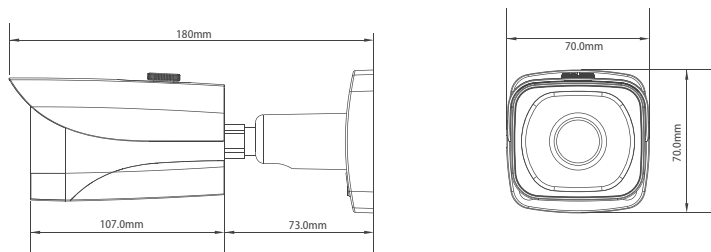
1.4Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 40m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



PFA121

PFA152

Technical Specifications

Model	DH-HAC-HFW2120EP		DH-HAC-HFW2120EN
Camera			
Image Sensor	1/3" 1.4Megapixel CMOS		
Effective Pixels	1305(H)×1049(V)		
Electronic Shutter	1/3s~1/100,000s		
Video Frame Rate	25/50fps@720P	30/60fps@720P	
Synchronization	Internal		
Mini. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
Camera Features			
Max. IR LEDs Length	40m, Smart IR		
Day/Night	Auto(ICR)/ Color/ B/W		
Noise Reduction	2D/3D		
OSD Menu	Support		
Lens			
Focal Length	6mm (2.8mm, 3.6mm, 8mm optional)		
Angle of View	H: 46.5°(89°/70°/35°)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 5.3W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 800m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	180mm×70.0mm×70.0mm		
Weight	0.4kg		
Material	Metal		

DH-HAC-HFW2120S

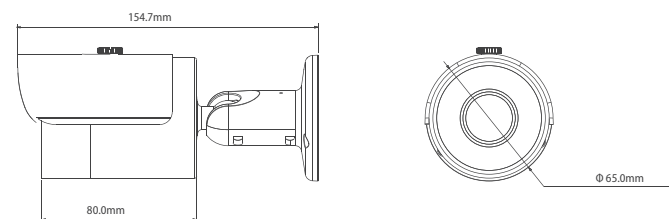
1.4Megapixel 720P Water-proof HDCVI IR Bullet Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW2120SP		DH-HAC-HFW2120SN
Camera			
Image Sensor	1/3" 1.4Megapixel CMOS		
Effective Pixels	1305(H)×1049(V)		
Electronic Shutter	1/3s~1/100,000s		
Video Frame Rate	25/50fps@720P	30/60fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
Camera Features			
Max. IR LEDs Length	30m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D/3D		
OSD Menu	Support		
Lens			
Focal length	6mm (2.8 mm, 3.6mm, 8mm optional)		
Angle of View	H: 46.5°(89°/70°/38.5°)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 4.7W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 800m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	Φ65mm×154.7mm		
Weight	0.38kg		
Material	Metal		

DH-HAC-HDBW2120E

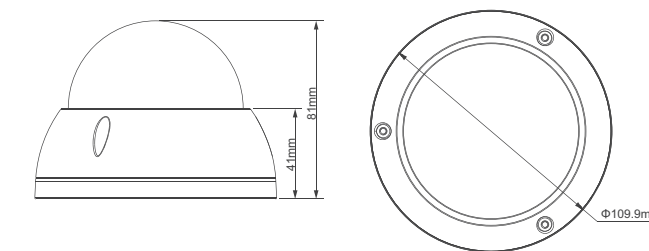
1.4Megapixel 720P Vandal-proof IR HDCVI Mini Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDBW2120EP		DH-HAC-HDBW2120EN	
Camera				
Image Sensor	1/3" 1.4Megapixel CMOS			
Effective Pixels	1305(H)×1049(V)			
Electronic Shutter	1/3s~1/100,000s			
Video Frame Rate	25/50fps@720P		30/60fps@720P	
Synchronization	Internal			
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
Camera Features				
Max. IR LEDs Length	30m, Smart IR			
Day/Night	Auto(ICR) / Color / B/W			
Noise Reduction	2D/3D			
OSD Menu	Support			
Lens				
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)			
Angle of View	H: 70°(89°/46.5°/38.5°)			
Mount Type	M12			
General				
Power Supply	DC12V±10%			
Power Consumption	Max 3.5W			
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)			
Transmission Distance	Over 800m via 75-3 coaxial cable			
Ingress Protection	IP67 & IK10			
Dimensions(W×D×H)	Φ109.9mm×81.0mm			
Weight	0.3kg			
Material	Metal			

DH-HAC-HDBW2120F NEW

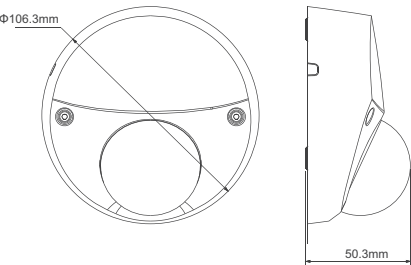
1.4Megapixel 720P Vandal-proof IR HDCVI Mini Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable;Audio
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW2120E NEW

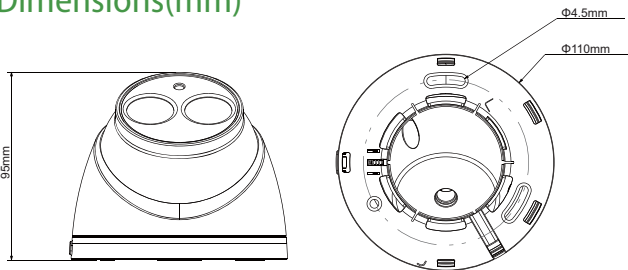
1.4Megapixel 720P Water-proof IR HDCVI Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 50m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDBW2120FP		DH-HAC-HDBW2120FN
Camera			
Image Sensor	1/3" 1.4Megapixel CMOS		
Effective Pixels	1305(H)×1049(V)		
Electronic Shutter	1/3s~1/100,000s		
Video Frame Rate	25/50fps@720P	30/60fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output / CVBS standard definition video output (Can switch)		
	Tester out (1-channel BNC HDCVI high definition video output / CVBS standard definition video output)		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D/3D		
OSD Menu	Support		
Lens			
Focal Length	3.6mm (6mm optional)		
Angle of View	H: 88°(53.4°)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3.2W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 800m via 75-3 coaxial cable		
Ingress Protection	IP67 & IK10		
Dimensions(W×D×H)	Φ106.3mm×50.3mm		
Weight	0.28kg		
Material	Metal		
Others	With pickup		

Technical Specifications

Model	DH-HAC-HDW2120EP		DH-HAC-HDW2120EN
Camera			
Image Sensor	1/3" 1.4Megapixel CMOS		
Effective Pixels	1305(H)×1049(V)		
Electronic Shutter	1/3s~1/100,000s		
Video Frame Rate	25/50fps@720P	30/60fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
Camera Features			
Max. IR LEDs Length	50m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D/3D		
OSD Menu	Support		
Lens			
Focal Length	3.6mm (2.8mm, 6mm, 8mm optional)		
Angle of View	H: 70°(89°/46.5°/38.5°)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 4W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 800m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	Φ110mm×95mm		
Weight	0.3kg		
Material	Metal		

DH-HAC-HDW2120M

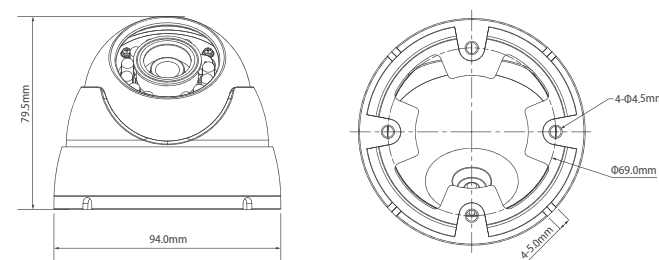
1.4Megapixel 720P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW2120S

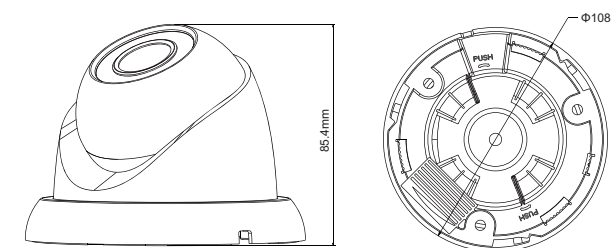
1.4Megapixel 720P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW1100R-VF

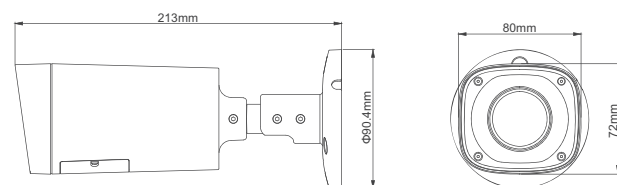
1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW1100RP-VF		DH-HAC-HFW1100RN-VF
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s
Video Frame Rate	25fps@720P		30fps@720P
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
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		
Angle of View	H: 105.5°~32.9°		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3.2W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 800m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	213mm×80mm×72mm		
Weight	0.55kg		
Material	Metal		

DH-HAC-HDBW1100R-VF

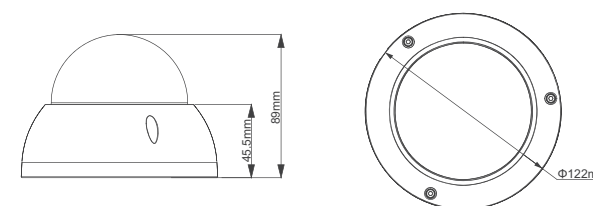
1Megapixel 720P Vandal-proof IR HDCVI Dome Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDBW1100RP-VF		DH-HAC-HDBW1100RN-VF
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s		1/60s~1/100,000s
Video Frame Rate	25fps@720P		30fps@720P
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
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		
Angle of View	H: 105.5°~32.9°		
Lens Type	Manual / Fixed Iris		
Mount Type	Φ14		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3.2W		
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 800m via 75-3 coaxial cable		
Ingress Protection	IP67 & IK10		
Dimensions	Φ122mm×89mm		
Weight	0.45kg		
Material	Metal		

DH-HAC-HDW1100R-VF

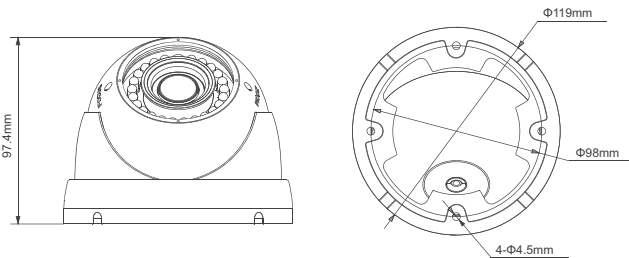
1Megapixel 720P Water-proof IR HDCVI Dome Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 2.7~12mm vari-focal lens
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



DH-HAC-HFW1100D-B/HFW1100B-B

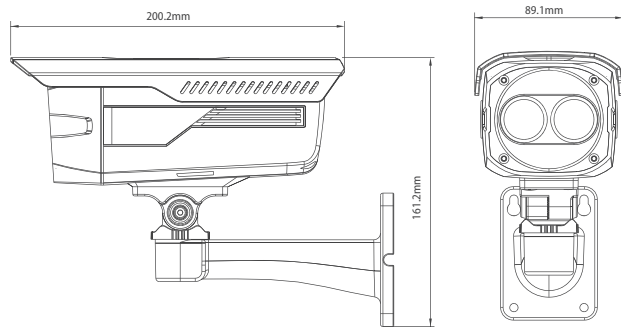
1Megapixel 720P Water-proof HDCVI IR Bullet Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR,
- 8mm fixed lens (3.6 mm, 6mm, 12mm, 16mm optional) (HFW1100D-B)
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional) (HFW1100B-B)
- Max. IR LEDs length 80m(HFW1100D-B)/50m(HFW1100B-B), Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HFW1100S



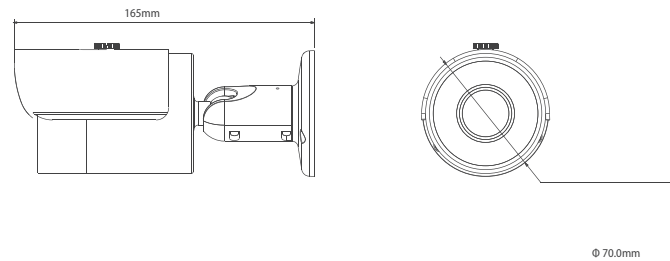
1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 6mm fixed lens (2.8 mm, 3.6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



DH-HAC-HFW1100RM NEW



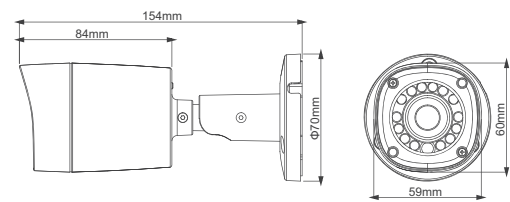
1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 6mm fixed lens (3.6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HFW1100RMP		DH-HAC-HFW1100RMN
Camera			
Image Sensor	1/2.9" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
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)		
Angle of View	H: 52.2°(79.7°)		
Mount Type	M12		
General			
Power Supply	DC12V±10%		
Power Consumption	Max 3.5W		
Working Environment	-30°C~-+60°C / Less than 95%RH (no condensation)		
Transmission Distance	Over 800m via 75-3 coaxial cable		
Ingress Protection	IP67		
Dimensions(W×D×H)	Φ70mm×154mm		
Weight	0.3kg		
Material	Metal		

DH-HAC-HFW1100R

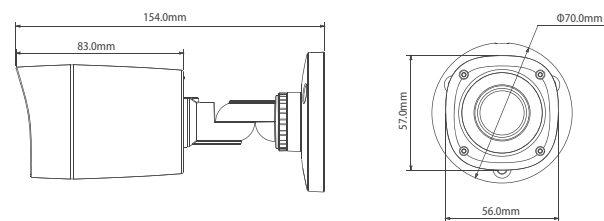
1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 6mm fixed lens (3.6mm optional)
- Max. IR LEDs length 20m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDBW1100E NEW

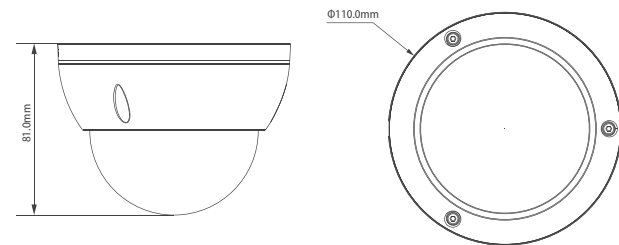
1Megapixel 720P Vandal-proof IR HDCVI Mini Dome Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW1100M

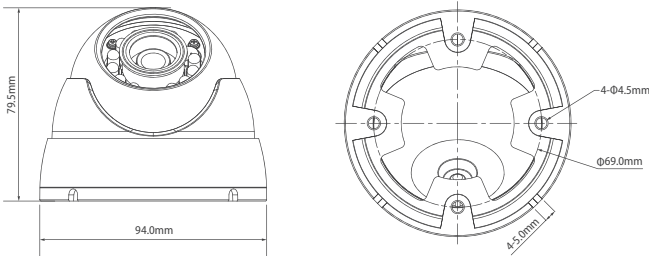
1Megapixel 720P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (2.8mm, 6mm, 8mm optional)
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW1100R

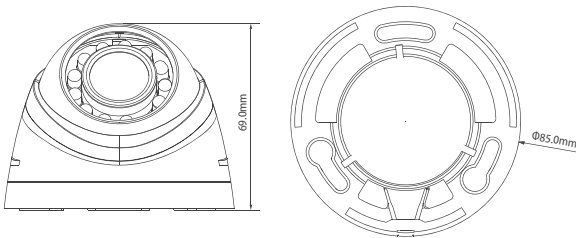
1Megapixel 720P IR HDCVI Mini Dome Camera



Features

- 1/2.9" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- DC12V

Dimensions(mm)



Accessories (optional)



dhua

TECHNOLOGY

DH-HAC-HFW1000S

NEW

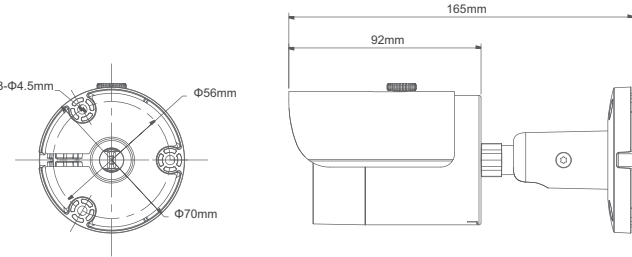
1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/4" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions (mm)



Accessories (optional)



dhua

TECHNOLOGY

DH-HAC-HFW1000RM

NEW

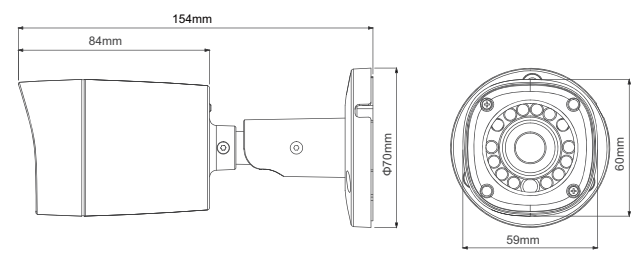
1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/4" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens
- Max. IR LEDs length 20m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



PFA130

PFA122

PFA152

DH-HAC-HFW1000R

NEW



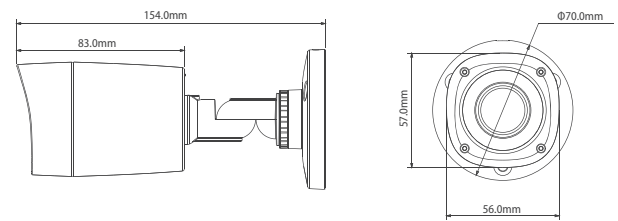
1Megapixel 720P Water-proof HDCVI IR-Bullet Camera



Features

- 1/4" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens
- Max. IR LEDs length 20m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW1000M

NEW



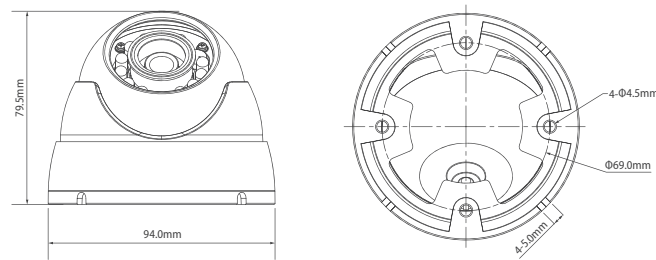
1Megapixel 720P Water-proof IR HDCVI Mini Dome Camera



Features

- 1/4" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens
- Max. IR LEDs length 30m, Smart IR
- IP67, DC12V

Dimensions(mm)



Accessories (optional)



DH-HAC-HDW1000R

NEW



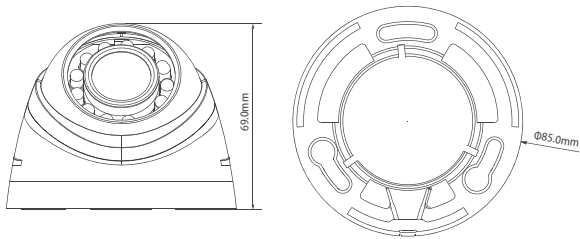
1Megapixel 720P IR HDCVI Mini Dome Camera



Features

- 1/4" 1Megapixel CMOS
- 25/30fps@720P
- High speed, long distance real-time transmission
- Day/Night(ICR), AWB, AGC, BLC, 2D-DNR
- 3.6mm fixed lens
- Max. IR LEDs length 20m, Smart IR
- DC12V

Dimensions(mm)



Accessories (optional)



Technical Specifications

Model	DH-HAC-HDW1000RP		DH-HAC-HDW1000RN
Camera			
Image Sensor	1/4" 1Megapixel CMOS		
Effective Pixels	1280(H)×720(V)		
Electronic Shutter	1/50s~1/100,000s	1/60s~1/100,000s	
Video Frame Rate	25fps@720P	30fps@720P	
Synchronization	Internal		
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on		
Video Output	1-channel BNC HDCVI high definition video output		
Camera Features			
Max. IR LEDs Length	20m, Smart IR		
Day/Night	Auto(ICR) / Color / B/W		
Noise Reduction	2D		
Lens			
Focal length	3.6mm fixed lens		
Angle of View	H: 59°		
Mount Type	M12		
General			
Power Supply	DC12V±20%		
Power Consumption	Max 2.5W		
Working Environment	-30℃~+60℃ / Less than 95%RH (no condensation)		
Transmission Distance	Over 800m via 75-3 coaxial cable		
Dimensions	Φ85mm×69mm		
Weight	0.1kg		
Material	Plastic		

HAC-HUM3100/3101B

NEW



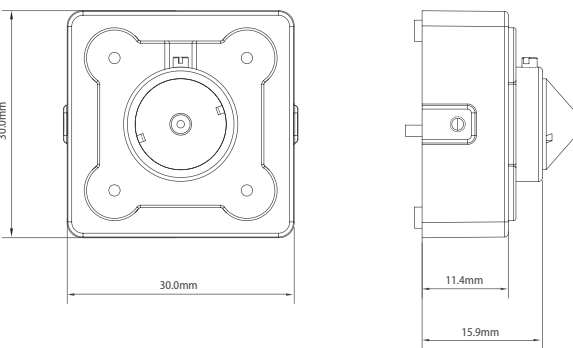
1Megapixel 720P HDCVI Pinhole Camera



Features

- 1/2.9" 1 Megapixel CMOS (HUM3100B)
- 1/3" 1Megapixel CMOS (HUM3101B)
- 25/30fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- DWDR, Day/Night(ICR), AWB, AGC, BLC, 3D-DNR (HUM3100B)
- WDR(120dB), Day/Night(ICR), AWB, AGC, BLC, 3D-DNR (HUM3101B)
- 3.6mm fixed lens
- DC12V

Dimensions(mm)



Technical Specifications

Model	HAC-HUM3100BP/N	HAC-HUM3101BP/N
Camera		
Image Sensor	1/2.9" 1Megapixel CMOS	1/3" 1Megapixel CMOS
Effective Pixels	1280(H)×720(V)	
Electronic Shutter	1/50s(60s)~1/100,000s	
Video Frame Rate	25/30fps@720P	
Synchronization	Internal	
Min. Illumination	0.01Lux@F1.2(AGC ON)	
Video Output	1-channel BNC HDCVI high definition video output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)
Camera Features		
Day/Night	Auto (Electronic) / Color / B/W	
Backlight Compensation	DWDR	WDR (120dB)
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	3.6mm	
Angle of View	H: 79.7°	
Mount Type	M12	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 1.5W	Max 2.5W
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 800m via 75-3 coaxial cable	
Dimensions(W×D×H)	30mm×30mm×15.9mm	30mm×30mm×21.7mm
Weight	0.05kg	0.06kg
Material	Metal	

HDCVI DVR

HDCVI Camera

HDCVI PTZ Camera

dhua

TECHNOLOGY

DH-HAC-HDBW2220F-M

NEW

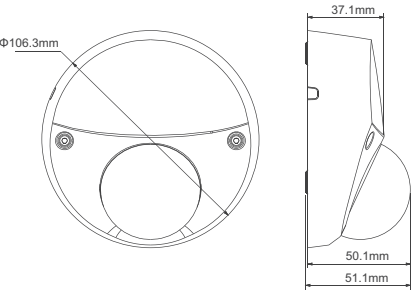
2.4Megapixel 1080P HDCVI Mobile Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- Aviation connector, Shock-proof, Audio
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



dhua

TECHNOLOGY

DH-HAC-HDBW2120F-M

NEW

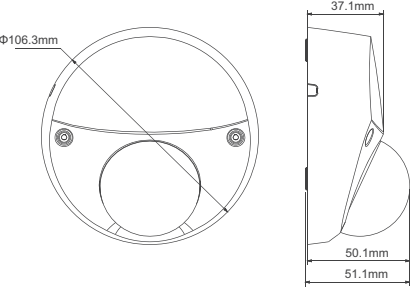
1.4Megapixel 720P IR HDCVI Mobile Camera



Features

- 1/3" 1.4Megapixel CMOS
- 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 3.6mm fixed lens (6mm optional)
- Max. IR LEDs length 20m, Smart IR
- Aviation connector, Shock-proof, Audio
- IP67, IK10, DC12V

Dimensions(mm)



Accessories (optional)



HDCVI PTZ CAMERA



DH-SD6A220K/230K-HC NEW

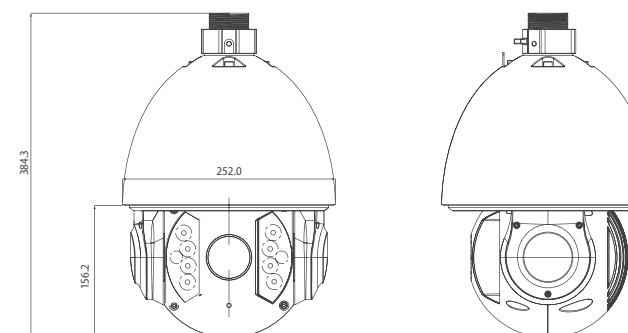
2Mp 1080P 20x/30x HDCVI IR PTZ Dome Camera



Features

- 20x/30x optical zoom
- Max 25/30fps@1080P, 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- HD and SD switchable
- Max 240°/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 150m
- IP66, OSD

Dimensions (mm)



Accessories



69FB

PFA111

Power Supply

Accessories(optional)



PFB300C

PFA112

PFA113

PFA120

PFA150

PFA151

Technical Specifications

Model	DH-SD6A220K-HC		DH-SD6A230K-HC
Camera			
Image Sensor	1/2.8" Exmor CMOS		
Effective Pixels	1920(H) x 1080(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; 0Lux (IR on)	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6; 0Lux (IR on)	
S/N Ratio	More than 55dB		
Resolution	25/30fps@1080P, 25/30/50/60fps@720P		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
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	4.7mm~94mm(20x Optical zoom)	4.6mm~138mm(30x Optical zoom)	
Max Aperture	F1.4 ~ F2.6	F1.6 ~ F4.8	
Focus Control	Auto / Manual		
Angle of View	H: 54.1° ~ 3.2°	H: 60.1° ~ 2.1°	
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	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/ Scan/ Tour/ Pattern if there is no command in the specified period		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
IR Distance	150m		
Audio			
Interface	1 channel In		
Auxiliary Interface			
RS485	1		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC 24V/3A (±10%)		
Power Consumption	15.2W, 38.2W (IR on, Heater on)		
Working Environment	-40℃ ~ 70℃ / Less than 90% RH		
Ingress Protection	IP66		
Vandal Resistance	N/A		
Dimensions	Φ252mm×384.3mm		
Weight	6.75kg		

DH-SD6C220K/230K-HC

NEW



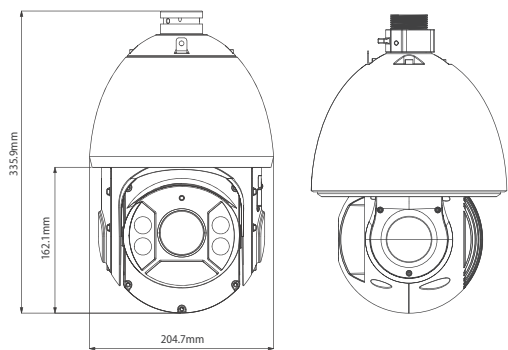
2Mp 1080P 20x/30x Full HD HDCVI PTZ Dome Camera



Features

- 20x/30x optical zoom
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- HD and SD switchable
- Max 240°/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,OSD

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

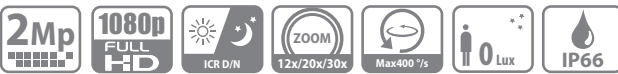
Model	DH-SD6C220K-HC		DH-SD6C230K-HC
Camera			
Image Sensor	1/2.8" Exmor CMOS		
Effective Pixels	1920(H)×1080(V), 2 Megapixels		
Scanning System	Progressive		
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6; 0Lux (IR on)	
S/N Ratio	More than 50dB		
Resolution	25/30fps@1080P, 25/30/50/60fps@720P		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
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	4.7mm~94mm(20x Optical zoom)	4.6mm~138mm(30x Optical zoom)	
Max Aperture	F1.4 ~ F2.6	F1.6 ~ F4.8	
Focus Control	Auto / Manual		
Angle of View	H: 54.1° ~ 3.2°	H: 60.1° ~ 2.1°	
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	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/ 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)		
Audio			
Interface	1 channel In		
Auxiliary Interface			
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		
Vandal Resistance	N/A		
Dimensions	Φ204.7(mm)×359.9(mm)		
Weight	7.5kg		

DH-SD59212K/220K/230K-HC

NEW



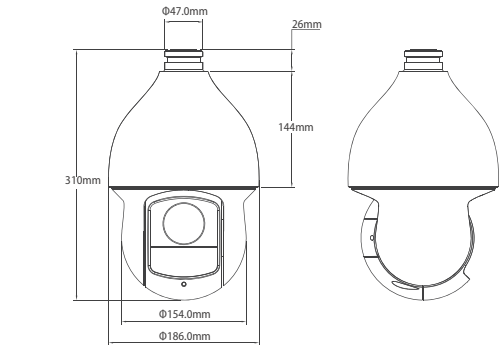
2Mp 1080P 12x/20x/30x Ultra-high Speed IR HDCVI PTZ Dome Camera



Features

- 12x/20x/30x optical zoom
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- HD and SD switchable
- 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, OSD

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD59212K-HC		DH-SD59220K-HC	DH-SD59230K-HC
Camera				
Image Sensor	1/2.8" Exmor CMOS			
Effective Pixels	1920(H) ×1080(V), 2Megapixels			
Horizontal Resolution	≥1000TVL			
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)	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6; 0Lux (IR on)	
S/N Ratio	More than 50dB			
Resolution	25/30fps@1080P, 25/30/50/60fps@720P			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
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	5.1mm~61.2mm (12x Optical zoom)	4.7mm~94mm (20x Optical zoom)	4.6mm~138mm (30x Optical zoom)	
Max Aperture	F1.6~ F3.0	F1.4~ F2.6	F1.6 ~ F4.8	
Focus Control	Auto / Manual			
Angle of View	H: 51.3° ~ 4.64°		H: 54.1° ~ 3.2° H: 60.1° ~ 2.1°	
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/ Scan/ Tour/ Pattern if there is no command in the specified period			
Protocol	DH-SD, Pelco-P/D (Auto recognition)			
IR Distance	100m			
Audio				
Interface	1 channel In			
Auxiliary Interface				
RS485	1			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC24V/3A(±10%)			
Power Consumption	12W, 25W(IR on)			
Working Environment	-40°C ~ 70°C / Less than 90% RH			
Ingress Protection	IP66			
Vandal Resistance	N/A			
Dimensions	Φ186.0(mm)× 310(mm)			
Weight	3.5kg			

DH-SD50(52C)220K/230K-HC

NEW



2Mp Full HD 20x/30x Ultra-high Speed HDCVI PTZ Dome Camera

Technical Specifications

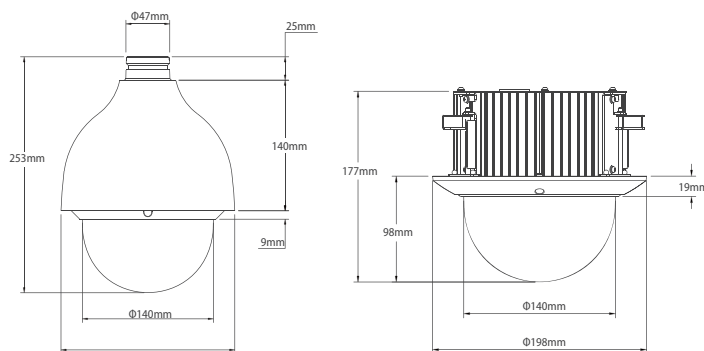
Model	DH-SD50220K-HC DH-SD52C220K-HC		DH-SD50230K-HC DH-SD52C230K-HC
Camera			
Image Sensor	1/2.8" Exmor CMOS		
Effective Pixels	1920(H) x 1080(V)		
Horizontal Resolution	≥1000TVL		
Scanning System	Progressive		
Electronic Shutter Speed	1/1 ~ 1/30,000s		
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4;	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6	
S/N Ratio	More than 50dB		
Resolution	25/30fps@1080P, 25/30/50/60fps@720P		
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)		
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	4.7mm~94mm (20x Optical zoom)	4.6mm~138mm (30x Optical zoom)	
Max Aperture	F1.4~ F2.6	F1.6 ~ F4.8	
Focus Control	Auto / Manual		
Angle of View	H: 54.1° ~ 3.2°	H: 60.1° ~ 2.1°	
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° ~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/ Scan/ Tour/ Pattern if there is no command in the specified period		
Protocol	DH-SD, Pelco-P/D (Auto recognition)		
Audio			
Interface	1 channel In		
Auxiliary Interface			
RS485	1		
Alarm	2/1 channel In/Out		
General			
Power Supply	AC24V/ 1.5A		
Power Consumption	Outdoor: 10W, 19W (Heater on) In-ceiling: 10W		
Working Environment	Outdoor: -40°C ~ 70°C / Less than 90% RH In-ceiling: -20°C ~ 60°C / Less than 90% RH		
Ingress Protection	IP67(Outdoor)		
Vandal Resistance	IK10		
Dimensions	Outdoor: Φ186.0(mm) x 253(mm) In-ceiling: Φ198(mm) x 177(mm)		
Weight	Outdoor: 2.5kg In-ceiling: 2.2kg		



Features

- 20x/30x optical zoom
- Max 20/30fps@1080P, 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Max 500°/s pan speed, 360° endless pan rotation
- Control over coaxial cable, long distance real-time transmission
- HD and SD switchable
- 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-SD40/42/42C212K-HC



2Mp Mini HDCVI PTZ Dome Camera

Technical Specifications

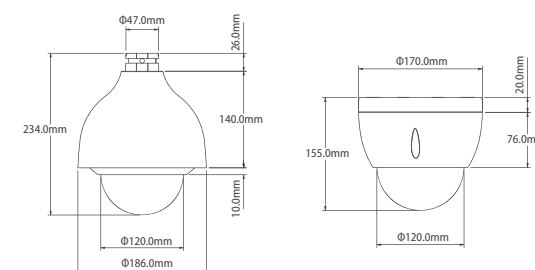
Model	DH-SD40212K-HC		DH-SD42212K-HC	DH-SD42C212K-HC
Camera				
Image Sensor	1/2.8" Exmor CMOS			
Effective Pixels	1944(H)×1092(V), 2 Megapixels			
Horizontal Resolution	≥1000TVL			
Scanning System	Progressive			
Electronic Shutter Speed	1/1s ~1/30,000s			
Min. Illumination	Color: 0.05 Lux/F1.6, B/W: 0.005Lux/F1.6			
S/N Ratio	More than 55dB			
Resolution	25/30fps@1080P, 25/30/50/60fps@720P			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
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	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/ Scan/ Tour/ Pattern if there is no command in the specified period			
Protocol	DH-SD, Pelco-P/D (Auto recognition)			
Audio				
Interface	1 channel In			
Auxiliary Interface				
RS485	1			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC24V/1.5A (±10%)			
Power Consumption	10W, 19W(Heater on)	10W		
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	2.0kg	



Features

- Powerful 12x optical zoom
- Max. 25/30fps@1080P, 50/60fps@720P resolution
- DWDR, Day/Night (ICR), Ultra DNR, Auto iris, Auto focus, AWB, AGC, BLC
- HD and SD switchable
- Max 300°/s pan speed, 360° continuous pan rotation
- Control over coaxial cable, long distance real-time transmission
- 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
- IP66(outdoor), IK10, OSD

Dimensions (mm)



Accessories-SD40212K-HC



Accessories(Optional)-SD40212K-HC



Accessories(Optional)-SD42212K-HC



DH-SD22204K-GC

NEW



2Mp HDCVI Mini PTZ Dome Camera

Technical Specifications

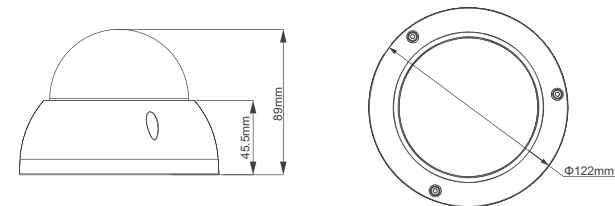
Model	DH-SD22204K-HC
Camera	
Image Sensor	1/2.7" Exmor CMOS
Effective Pixels	1944(H) x 1092(V), 2 Megapixels
Horizontal Resolution	≥1000TVL
Scanning System	Progressive
Electronic Shutter Speed	1/1s ~ 1/30,000s
Min. Illumination	Color: 0.05 Lux/F1.6, B/W: 0.005Lux/F1.6
S/N Ratio	More than 55dB
Resolution	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)
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	2.7 mm~11 mm (4x Optical zoom)
Max Aperture	F1.6~ F2.8
Focus Control	Auto / Manual
Angle of View	H: 116.5° ~ 34.5°
Close Focus Distance	100mm~1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 355° ; Tilt: 0° ~ 90° , auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 100°/s; Tilt: 0.1° ~60°/s
Preset Speed	Pan: 100°/s; Tilt:60°/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/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD, Pelco-P/D (Auto recognition)
Auxiliary Interface	
RS485	1
General	
Power Supply	DC12V
Power Consumption	10W
Working Environment	-20°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ122mm×89mm
Weight	0.95kg



Features

- Powerful 4x optical zoom
- Max. 25/30fps@1080P, 50/60fps@720P resolution
- DWDR, Day/Night (ICR), Ultra DNR, Auto iris, Auto focus, AWB, AGC, BLC
- Max 100°/s pan speed
- Control over coaxial cable, long distance real-time transmission
- HD and SD switchable
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Support intelligent 3D positioning with DH-SD protocol
- IP66, IK10, OSD

Dimensions (mm)



Accessories(Optional)



DH-SD6A120K-HC

NEW



720P 20x HDCVI IR PTZ Dome Camera

Technical Specifications

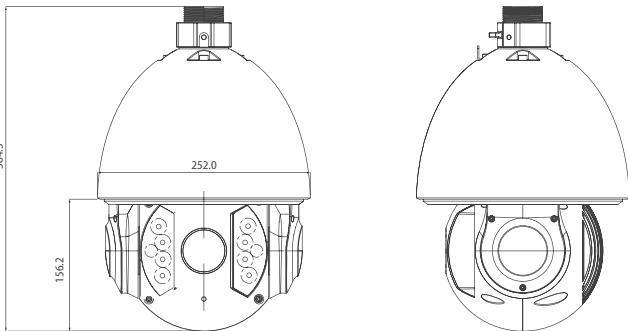
Model	DH-SD6A120K-HC
Camera	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H)×960(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)
S/N Ratio	More than 55dB
Resolution	25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)
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	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: -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	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/ Scan/ Tour/ Pattern if there is no command in the specified period
Protocol	DH-SD, Pelco-P/D (Auto recognition)
IR Distance	150m
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/3A (±10%)
Power Consumption	15.2W, 38.2W (IR on, Heater on)
Working Environment	-40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ252(mm) × 384.3 (mm)
Weight	6.75kg



Features

- 20x optical zoom
- Max 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- HD and SD switchable
- Max 240°/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 150m
- IP66, OSD

Dimensions (mm)



Accessories



Accessories(optional)



DH-SD6C120K-HC

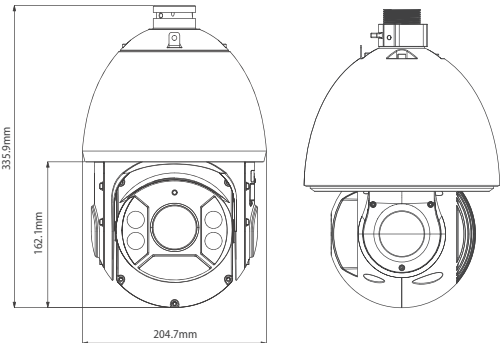
720P 20x HDCVI IR PTZ Dome Camera



Features

- 20x optical zoom
- Max 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Control over coaxial cable, long distance real-time transmission
- HD and SD switchable
- Max 240°/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, OSD

Dimensions (mm)



Accessories



Accessories(optional)



Technical Specifications

Model	DH-SD6C120K-HC
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; 0Lux (IR on)
S/N Ratio	More than 50dB
Resolution	25/30/50/60fps@720P
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)
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	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	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 / 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)
Audio	
Interface	1 channel In
Auxiliary Interface	
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
Vandal Resistance	N/A
Dimensions	Φ204.7mm×335.9mm
Weight	7.5kg

DH-SD59112K/120K-HC

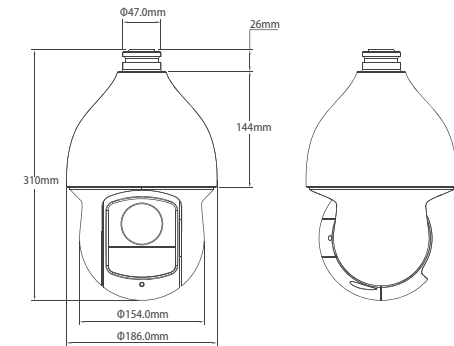
720p 12x/20x Ultra-high Speed IR HDCVI PTZ Dome Camera



Features

- Powerful 12x /20x optical zoom
- Max 50/60fps@720P resolution
- DWDR, Day/Night (ICR), Ultra DNR, Auto iris, Auto focus, AWB, AGC, BLC
- HD and SD switchable
- Max 400°/s pan speed, 360° continuous pan rotation
- Control over coaxial cable, long distance real-time transmission
- 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, OSD

Dimensions (mm)



Accessories



Accessories(Optional)



Technical Specifications

Model	DH-SD59112K-HC	DH-SD59120K-HC
Camera		
Image Sensor	1/3" Exmor CMOS	
Effective Pixels	1280(H) × 960(V)	
Horizontal Resolution	≥700TVL	
Scanning System	Progressive	
Electronic Shutter Speed	1/1s ~ 1/30,000s	
Min. Illumination	Color: 0.05 Lux/F1.4; B/W: 0.005Lux/F1.4; 0Lux (IR on)	
S/N Ratio	More than 55dB	
Resolution	25/30/50/60fps@720P	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
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)	4.7mm~94mm(20x Optical zoom)
Max Aperture	F1.4~ F2.1	F1.4~ F2.6
Focus Control	Auto / Manual	
Angle of View	H: 51.3° ~ 4.64°	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/ Scan/ Tour/ Pattern if there is no command in the specified period	
Protocol	DH-SD, Pelco-P/D (Auto recognition)	
IR Distance	100m	
Audio		
Interface	1 channel In	
Auxiliary Interface		
RS485	1	
Alarm	2/1 channel In/Out	
General		
Power Supply	AC24V/3A (±10%)	
Power Consumption	12W, 25W(IR on)	
Working Environment	-40°C ~ 70°C / Less than 90% RH	
Ingress Protection	IP66	
Vandal Resistance	N/A	
Dimensions	Φ186mm×310mm	
Weight	3.5kg	

DH-SD50/52C120K-HC NEW

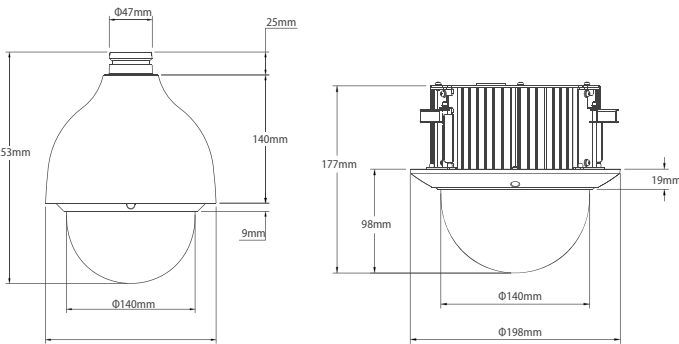
720p 20x Ultra-high Speed HDCVI PTZ Dome Camera



Features

- 20x optical zoom
- Max 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- HD and SD switchable
- 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, OSD

Dimensions (mm)



Accessories



Accessories(optional)



DH-SD40/42/42C112K-HC

720p 12x Mini HDCVI PTZ Dome Camera



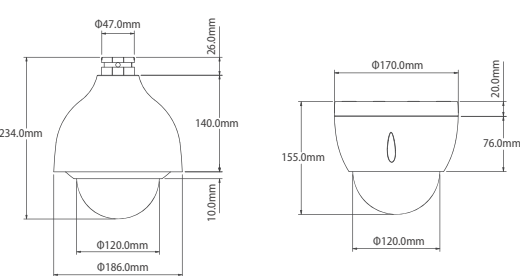
SD40112K-HC SD42112K-HC SD42C112KE-HC



Features

- Powerful 12x optical zoom
- Max 50/60fps@720P resolution
- DWDR, Day/Night (ICR), Ultra DNR, Auto iris, Auto focus, AWB, AGC, BLC
- HD and SD switchable
- Max 300°/s pan speed, 360° continuous pan rotation
- Control over coaxial cable, long distance real-time transmission
- 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
- IP66(outdoor), IK10, OSD

Dimensions (mm)



Accessories-SD40112I-HC



Accessories(Optional)-SD40112I-HC



Technical Specifications

Model	DH-SD40112K-HC		DH-SD42112K-HC	DH-SD42C112K-HC
Camera				
Image Sensor	1/3" Exmor CMOS			
Effective Pixels	1280(H)×960(V)			
Horizontal Resolution	≥700TVL			
Scanning System	Progressive			
Electronic Shutter Speed	1/1s ~1/30,000s			
Min. Illumination	Color: 0.05 Lux / F1.6, B/W: 0.005Lux / F1.6			
S/N Ratio	More than 55dB			
Resolution	25/30/50/60fps@720P			
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)			
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	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 / Scan / Tour / Pattern if there is no command in the specified period			
Protocol	DH-SD, Pelco-P/D (Auto recognition)			
Audio				
Interface	1 channel In			
Auxiliary Interface				
RS485	1			
Alarm	2/1 channel In/Out			
General				
Power Supply	AC24V / 1.5A (±10%)			
Power Consumption	10W, 19W (Heater on)		10W	
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	2.0kg	

Accessories(Optional)-SD42212K-HC

