

FLIR IP™

N243VW4

Fixed IP Vandal Dome Camera



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The FLIR WDR Fixed Vandal Dome IP camera offers exceptional performance, providing brilliant image clarity and an incredible level of detail in recordings. True WDR capability up to 100dB ensures excellent image quality around-the-clock. Suitable for both indoor and outdoor installations (IP66 rated) and cold climates (-22°F/-30°C).

HD PICTURE QUALITY

Outstanding image detail, day & night

- N243VW4 – 4MP Quad HD @ 20fps, 1/3" CMOS, 2.8mm fixed lens, 100°(H), 90ft/27m IR Range
- True Wide Dynamic Range (up to 100dB)

ADVANCED FEATURES

Intelligent compression optimizes video based on available bandwidth

- H.264 / MJPEG triple stream support
- Hallway Mode
- 4-Zone Region of Interest

RUGGED DESIGN

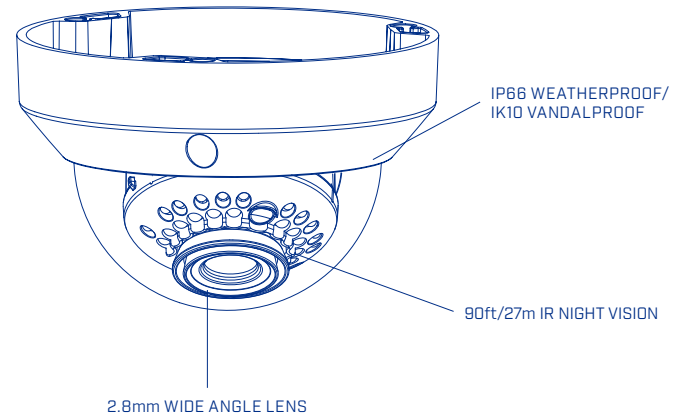
Durable weatherproof housing

- Tamper detection
- IP66 weatherproof-rated
- Vandal-resistant IK10 rated
- Cold climate capability (-22°F/-30°C)

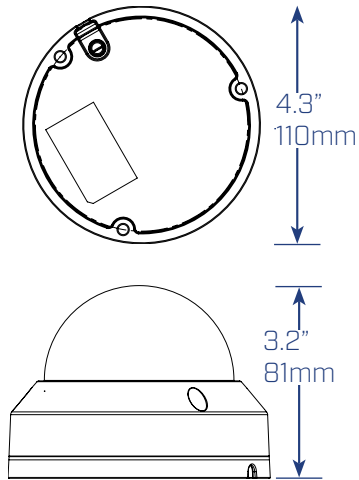


Specifications

Camera		N243VW4
Imaging Device	QUAD HD 4MP, 1/3"	
Effective Pixels	2688(H) × 1520(V)	
Image Type	CMOS	
Image Readout	Progressive Scan	
Day/Night	Auto (ICR) / Color / B/W	
Mechanical IR Cut Filter	Yes	
Min. Illumination	0.3lux @ F2.0 (Color) 0.05lux @ F2.0 (B/W)	
S/N Ratio	≥58dB	
Field of View	100° (H) field of view	
IR Illumination	90ft (27m) IR Night Vision	
IR ON/OFF Control	Yes	
Video Output	RJ45	
Electronic Shutter Range	1/3(4)~1/100,000s	
Optical		
Lens Type	Fixed	
Mount Type	Board Type	
Iris Type	Fixed Iris	
Focal Length	2.8mm lens	
Aperture	F2.0	
Optical Zoom	N/A	
Focus	Fixed	
Iris Control Type	AIS	
Video		
Video Compression	H.264 / MJPEG / Ready for Super H.264™ advanced compression	
Video Streams	H.264 / MJPEG Triple Stream	
Resolution Selection	4MP(2688 × 1520) / 3.7MP(2560x1440) / 3MP(2304x1296) / 1080P(1920x1080) / 1.3MP(1280x960) / 720P(1280x720)	
Aspect Ratio	16:9 (excl. 1.3MP @ 4:3)	
Frame Rates (Maximum)	4MP @ 20fps / 3MP/1080p/720p @ up to 25/30fps	
Bit Rate Control	CBR / VBR (w/Cap)	
Bit Rate Selection	Main Stream H.264 – 1,792 Kbps ~ 10,240Kbps / Custom	
Quality Setting Range (Default)	1-6 (4)	
Region of Interest (Selectable areas)	Yes (4)	
Wide Dynamic Range	True WDR, User Adjustable	
Dynamic Range	Up to 100dB	
Backlight Compensation	BLC / HLC	
White Balance	Auto / Manual	
Gain Control	Auto / Manual	
Noise Reduction	3D Advanced	
Smart IR	Yes, User Adjustable	
Digital Zoom	Up to 10x	
Tamper Detection	Yes	
Video Mirroring / Rotation	Horizontal Mirror / 90° / 180° / 270° / Hallway Mode	
Video Overlay	Channel / Time / Picture / Custom Text	
Window Blanking (Privacy)	Up to 4 Areas	
Menu Languages	English	
Network		
Protocols	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour	
ONVIF Conformance	ONVIF Profile S	
RTSP Video	Standard RFC2326, Support QuickTime/VLC Player. User Security Authentication (Enabled/Disabled)	
Users	20 Users	
Mechanical		
Material	Aluminum Alloy	
Product Dimensions (Dia × H)	4.3" D × 3.2" H 110mm D × 81mm H	
Product Weight	0.9 lb / 0.4 kg	



Dimensions



Specifications

Electrical		N243VW4
Network Port		RJ45 (10/100 Base-T)
Analog Video Out (service only)		No
Power Input		12V/PoE (802.3af)
Power over Ethernet Type		PoE (802.3af)
Power Consumption (maximum)		5W
Current Consumption (maximum)		420mA
Additional Features		
Edge Storage		Yes
Built-in Heater		N/A
Audio I/O		1 Input / 1 Output
Encoding		G.711a / G.711Mu / PCM / AAC
Alarm I/O		1 Input / 1 Output
Environmental		
Storage Temperature		-40°F ~ +140°F / -40°C ~ +60°C
Storage Humidity		Less than 95% RH
Operating Temperature		-22°F ~ +140°F / -30°C ~ +60°C
Operating Humidity		Less than 95% RH
Cold Start Temperature		-22°F / -30°C
Ingress Protection		IP66 Rated
Vandal Resistance		IK10
Certifications		
Certifications		CE / FCC