

Fixed IP Bullet Cameras



N243BW2/N243BW4
Fixed IP Bullet Cameras

Available in 2.1MP HD & 4MP QUAD HD configurations, the FLIR WDR Fixed Bullet IP cameras offer 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

- N243BW2 – 2.1MP HD @ 25/30fps, 1/2.7" CMOS, 3.6mm fixed lens, 91° (H), 80ft/24m IR Range
- N243BW4 – 4MP Quad HD @ 20fps, 1/3" CMOS, 3.6mm fixed lens, 80°(H), 90ft/27m IR Range
- True Wide Dynamic Range (up to 100dB)

ADVANCED FEATURES

Optimized video performance based on available bandwidth

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

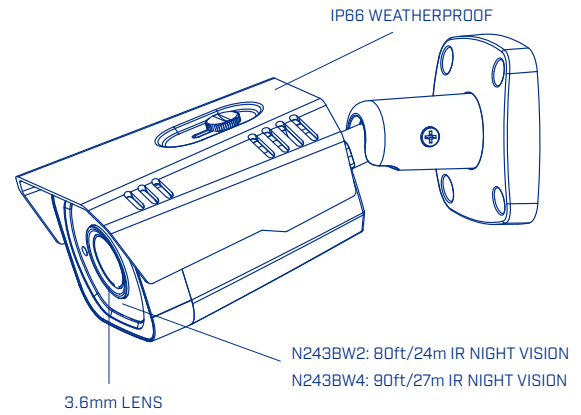
RUGGED DESIGN

Durable weatherproof housing

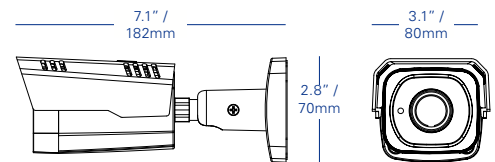
- Tamper detection
- IP66 weatherproof-rated
- Cold climate capability (-22°F/-30°C)

Specifications

Camera	N243BW2	N243BW4
Imaging Device	HD 2.1MP, 1/2.7"	QUAD HD 4MP, 1/3"
Effective Pixels	1928 (H) x 1088 (V)	2688(H) x 1520(V)
Image Type	CMOS	
Image Readout	Progressive Scan	
Day/Night	Auto (ICR) / Color / B/W	
Mechanical IR Cut Filter	Yes	
Min. Illumination	0.1lux @ F2.0 (Color) 0.01lux @ F2.0(B/W)	0.3lux @ F2.0 (Color) 0.05lux @ F2.0 (B/W)
S/N Ratio	≥56dB	≥42dB
Field of View	91° (H) field of view	80° (H) field of view
IR Illumination	80ft/24m IR Night Vision/TDN	90ft (27m) IR Night Vision/TDN
IR ON/OFF Control	Yes	
Video Output	RJ45	
Electronic Shutter Range	1~1/30,000s	1/3(4)~1/100,000s
Optical		
Lens Type	Fixed	
Mount Type	Board Type	
Iris Type	Fixed Iris	
Focal Length	3.6mm 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	1080P (1920x1080) / SXGA (1280x1024) / 1.3MP (1280x960) / 720P (1280x720) / D1(704x576 / 704x480)	4MP(2688 x 1520) / 3.7MP(2560x1440) / 3MP(2304x1296) / 1080P(1920x1080) / 1.3MP(1280x960) / 720P(1280x720)
Aspect Ratio	16 : 9 (excl. SXGA @ 5:4 / 1.3MP @ 4:3)	
Frame Rates (Maximum)	2MP / 1080p / 720p @ 25/30fps	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 (L x W x H)	7.1" x 3.1" x 2.8" / 182mm x 80mm x 70mm	
Product Weight	0.9 lb / 0.4 kg	



Dimensions



Specifications

Camera	N243BW2	N243BW4
Electrical		
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	N/A	
Built-in Heater	N/A	
Audio I/O	N/A	
Encoding	N/A	
Alarm I/O	N/A	
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	No	
Certifications		
Certifications	CE / FCC	