



## 4K Ultra HD WDR Motorized Bullet Camera



N357B8 / N357BL8  
4K Ultra HD WDR Motorized Bullet Camera

The FLIR 4K Ultra HD WDR Motorized Bullet Camera offers exceptional performance with 8MP resolution, providing brilliant image clarity and an incredible level of detail in recordings. H.265 delivers improved compression efficiency for significant hard drive space savings, and the camera supports edge storage for recording flexibility. Intelligent compression coupled with Region of Interest (ROI) optimizes video performance based on available bandwidth.

### 4K HD PICTURE QUALITY

*4K Ultra HD (8MP 3840x2160) resolution provides the highest standard in image clarity and detail for evidence collection*

- Ultra HD 4K(8MP)@15fps / 4MP@25fps/ 3MP/1080p/720p@30fps, 1/2.5" CMOS, True WDR (up to 100dB)
- N357B8: 2.7~12mm motorized varifocal AI lens, 105-37°(H) field of view, 130ft/40m IR
- N357BL8: 7~35mm motorized varifocal AI lens, 38-14°(H) field of view, 330ft/100m IR

### ADVANCED FEATURES

*H.265 compression coupled with Region of Interest (ROI) optimizes video performance based on available bandwidth*

- Advanced H.265 & Super H.264™ compression technology
- H.265 / H.264 / MJPEG / Triple Stream
- Edge storage support (MicroSD card) – up to 128GB
- 4-Zone Region of Interest

### DURABLE DESIGN

*Installation in any outdoor conditions*

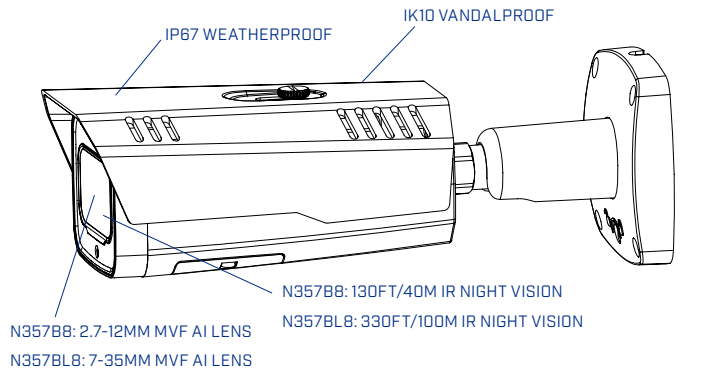
- IP67 weatherproof & IK10 vandal proof ratings
- -22°F/-30°C Cold Climate capable
- Tamper detection
- 24V AC/PoE+ (802.3at)



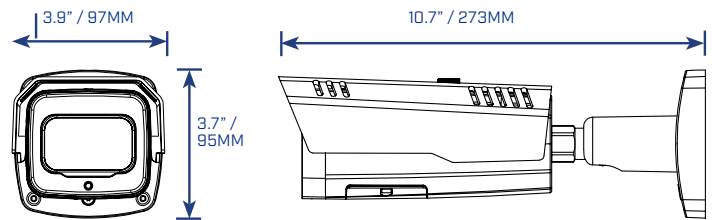
# Specifications

Camera	N357B8	N357BL8
Imaging Device	Ultra HD 4K/8MP, 1/2.5" Sony Exmor™ CMOS	
Effective Pixels	3840(H) × 2160(V)	
Image Type	Sony Exmor™ CMOS	
Image Readout	Progressive Scan	
Day / Night	Auto (ICR) / Color / B/W	
Mechanical IR Cut Filter	Yes	
Min. Illumination	0.4lux @ F1.4 (Color) 0.06lux @ F1.4 (B/W)	
S/N Ratio	≥56dB	
Field of View (H)	105~37°	38~14°
IR Illumination	130ft/40m, 850nm	330ft/100m, 850nm
IR On / Off Control	Yes	
Video Output	RJ45	
Electronic Shutter Range	1/3(4)s - 1/100,000s	
Optical		
Lens Type	Motorized Lens	
Mount Type	Board Type	
Iris Type	DC Iris	
Iris Control Type	Auto	
Focal Length	2.7-12mm	7-35mm
Aperture	F1.8~2.9	F1.4~1.8
Optical Zoom	4.4x	5x
Focus	AF / Manual	
Video		
Video Compression	Advanced H.265 & Super H.264™	
Video Streams	H.265 / H.264 / MJPEG / Triple Stream	
Resolution Selection	4K (3840x2160) 6.3MP (3072x2048) 5.3MP (3072x1728) 5MP (2592x1944) 4MP (2688x1520) 3.7MP (2560x1440)	3MP (2304x1296) 1080p (1920x1080) SXGA (1280x1024) 1.3MP (1280x960) 720p (1280x720)
Aspect Ratio	16:9 / 4:3 (select non 4K resolutions)	
Frame rates (Maximum)	4K @ 15fps / 4MP @25fps / 3MP/1080p/720p @ 25/30fps	
Bit Rate Control	CBR / VBR	
Bit Rate Selection	H.265: 768 ~ 6912Kbps H.264: 2304 ~ 10240Kbps	
Quality Setting Range (default)	1-6 (6)	
Region of Interest (selectable areas)	Yes (4)	
Wide Dynamic Range	True WDR	
Dynamic Range	Up to 100dB	
Backlight Compensation	BLC / HLC	
White Balance	Auto / Manual	
Gain Control	Auto / Manual	
Noise Reduction	3D DNR Advanced	
Smart IR	Yes	
Digital Zoom	Area Selectable	
Tamper Detection	Yes, Tamper / Out of Focus	
Video Mirroring/Rotation	Horizontal Mirror / 90° / 180° / 270°	
Video Overlay	Time / Date / Camera Name / Custom Text / Custom Picture	
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	Profile S / G	
RTSP Video	Standard RFC2326 / Supports QuickTime/VLC Player / User Security Authentication (Enabled/Disabled)	
Users	20 Users	
Mechanical		
Material	Aluminum Alloy	
Product Dimensions (L × W × H)	10.7" × 3.9" × 3.7"	
Product Weight	2.4lb / 1.1kg	
Electrical		
Network Port	RJ45 (10/100 Base-T)	
Analog Video Out (service only)	No	
Power Input	24V AC / PoE+	
Power over Ethernet Type	PoE+ (802.3at)	
Power Consumption	11.4W max.	11.4W max.
Current Consumption	475mA max.	475mA max.

Additional Features	
Edge Storage	Yes / microSD Type (128GB max.)
Built-in Heater	No
Audio I/O	1 Input / 1 Output
Audio Encoding	G.711a / G.711Mu / G.726 / AAC
Alarm I/O	2 Input / 1 Output
Environmental	
Storage Temperature	-22°F ~ +140°F / -30°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	IP67 Rated
Vandal Resistance	IK10 Rated
Certifications	
Certifications	CE / FCC



## Dimensions



## Ordering Information

N357B8: 8-41430-01392-1  
N357BL8: 8-41430-01954-1

## Package Dimensions

6.9" W × 15.2" D × 7.0" H  
175mm W × 386mm D × 177mm H

## Available Accessories:

For accessory / mount compatibility visit:  
[www.flir.com/security/cameramounts](http://www.flir.com/security/cameramounts)

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