V988B-W311MIR
NETWORK BULLET CAMERA

VICON

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⊁ Product at a Glance

- ▸ 4K resolution (8 MP)
- ▸ H.264/H.265 and M-JPEG compression
- ▸ True WDR
- ▸ 34 IR LEDs (90 ft/30 m range)
- ▸ Motorized varifocal lens with P-iris
- ▸ Quad streaming
- ▸ Video Content Analysis (VCA)
- ▸ Audio and alarm input/output
- ▸ Power-over-Ethernet (PoE), 12 VDC
- ▸ Video composite out
- ▸ SD card slot for on-camera storage
- ▸ Surface mounting on wall or ceiling
- ▸ IP66/IK10

Overview

Vicon's V988B-W311MIR HD IP Bullet Camera is designed for performance in demanding security installations. The camera provides UHD (Ultra High Definition) 4K (8 MP) resolution with a 3.6-11 mm motorized varifocal lens with P-iris for improved image quality. The camera includes IR illuminators that provide superior images in low-light environments.

The V988B-W311MIR supports H.264/H.265 compression technology, significantly reducing file sizes and conserving valuable network bandwidth. M-JPEG compression is also provided. The camera provides quad streaming for multi-camera displays.

The bullet camera is designed for easy installation. Power over Ethernet (IEEE 802.3af) eliminates the need for a power cable, providing a cost-effective method of installation. The camera also accepts 12 VDC. The V988B-W311MIR can be mounted on a wall or ceiling using the integral wall mount that allows adjustment for the angle of view.

The true day/night progressive scan camera also includes a removable IR cut filter for superior image quality in all lighting conditions. True Wide Dynamic Range further improves video exposure quality in scenes with high contrast between bright and dark areas.

The camera can be used with Vicon Valerus™ as well as many other popular VMS systems; each VMS may support different camera functions.

Ordering Information

Resolution	Lens	Model Number
4K (8 MP)	3.6-11 mm motorized varifocal	V988B-W311MIR

Accessories	Description	Model Number
Backbox	For ease of cabling	V988B-BOX
Corner Mount	Adapter for corner mounting; compatible with V988B-BOX	V670-HCM150
Pole Mount	Adapter for pole mounting; compatible with V988B-BOX	V670-HCM151
Composite Video Out Cable	For connection to a spot monitor; USB to BNC	V988B-USB-BNC

V670-HCM150

V670-HCM151

V988B-BOX

SPECIFICATIONS

Model	V988B-W311MIR
Image Sensor:	1/2.5-inch CMOS progressive scan sensor
Max Resolution:	4K (8 MP)
Image Settings:	Digital image effects: flip, mirror and defog. Configurable brightness, contrast, saturation, chroma, sharpness. White balance. Electronic shutter speed. Day/night mode. Dynamic Noise Reduction. Motion detection (16 programmable zones). Privacy masking (8 masks). ROI (8 regions). Digital zoom. Event notification.
Video Content Analysis:	Defog; Tampering; Intrusion; Motion Detection
Electronic Shutter Speed:	Auto (1 ~ 1/10,000 sec), manual
Day/Night Performance:	True day/night (IR cut filter)
Wide Dynamic Range	True WDR
Minimum Illumination:	Color: 0.03 lux @ f/1.5. B&W: 0 lux (IR LED On) @ f/1.5
IR Distance:	34 LEDs; 90 ft (30 m)

Lenses

Focal Length:	3.6-11 mm
Max. Aperture:	f/1.5
Iris:	P-iris
Zoom/Focus Adjust:	Motorized zoom and focus
Field of View:	Wide: 87°; Tele: 38° (H)

Network Video Transmission

Network:	10Base-T, 100Base-TX, RJ-45
Image Compression:	H.264; H.265; M-JPEG
Resolution:	3840x2160, 3072x2048, 2592x1944/1520, 2560x1440, 1920x1080 (1080P), 1440x1080, 1280x1024/720, 1024x768, 800x600/480, 720x576/480, 704x480/576 (D1), 640x480 (VGA), 352x288/256/240, 320x240 (QVGA)
Protocol:	IPv4/IPv6, TCP/IP, HTTP, HTTPS, RTSP, RTCP, RTP, DHCP, FTP, UDP, ARP, QoS, Zeroconf, Bonjour
Frame Rate:	30 fps max.
Streams:	Quad streams: H.264/H.265 - 3; M-JPEG - 1
Users:	10 users Live; 3 users Playback
Alarm:	1 input/1 output
Audio:	2 way audio, 1 input/1 output; G.711
Web Browser:	Internet Explorer®, Chrome®, Safari®, Firefox®
Security:	Multi-user authority, IP address filtering, HTTPS encrypted video & data transmission, SSL

Mechanical and Electrical

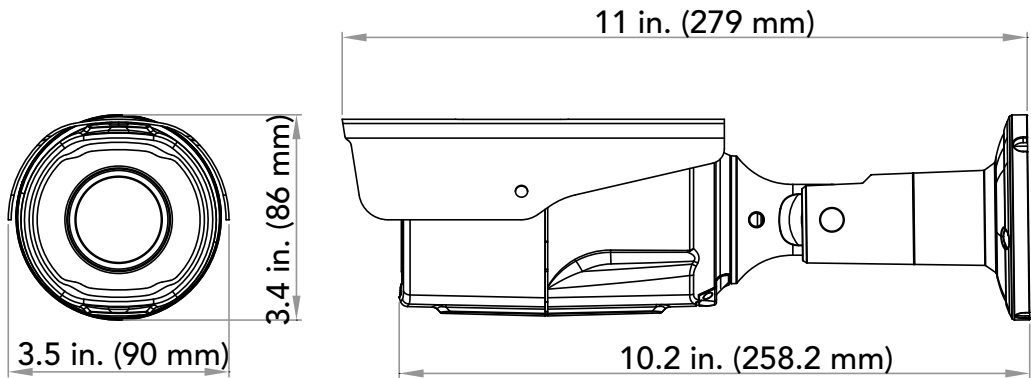| Construction:	Aluminum
Camera Angle of Adjustment:	Adjusted using integral wall mount. Mechanical camera adjustment pan 360°, tilt 90° and roll 360°.
Mounting:	Surface mount, wall or ceiling
Dimensions:	3.5 in. (90 mm) (W) x 3.4 in. (86 mm) (H) x 11 in. (279 mm) (L)
Weight:	1.9 b (0.86 kg)

V988B-W311MIR

SPECIFICATIONS

Electrical

Input Power:	PoE IEEE 802.3af, 12 VDC
Current (IR on):	200 mA @PoE, 690 mA @12 VDC
Power Consumption (IR on):	9.6 W @PoE, 8.3 W @12 VDC

Controls and Connectors

Connectors:	Power: standard jack for adapter; PoE/Network: RJ-45 CAT 5; Alarm Input/Output: terminal block; Audio Input/Output: terminal block; Micro SD card slot; Composite Out

Environmental

Operating Conditions:	Outdoor Temp: -4 to 122° F (-20 to 50° C) Humidity: up to 90%, non-condensing
Approvals:	FCC Class A, CE, IP66, IK10
Warranty:	3 years

Dimension Drawings

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