

June 2018

## Vicon's New High-Resolution 4K Dome and Bullet Cameras Deliver Sharper Images While Providing Broader Coverage and Greater Visibility

The NEW 4K cameras are available for pre-orders, shipping early August. These cameras deliver ultra-high definition video images, which result in greater video quality and more video detail in fast-action scenes. Available in two form factors, bullet and dome, these cameras are a prime example of high-end options at their best, delivering Ultra-High Definition (UHD) images and providing 4K resolution in real time. The high quality images also improve video analytics performance, particularly in scenes covering large areas.

These 4K cameras deliver superior Ultra HD resolution video with 4X the detail of 1080p. The latest in professional grade video technology ensures clear identification in almost any lighting environment. Equipped with industry leading H.265 compression, these cameras offer significant bandwidth and video storage capacity over older compression technologies.

### Functionality

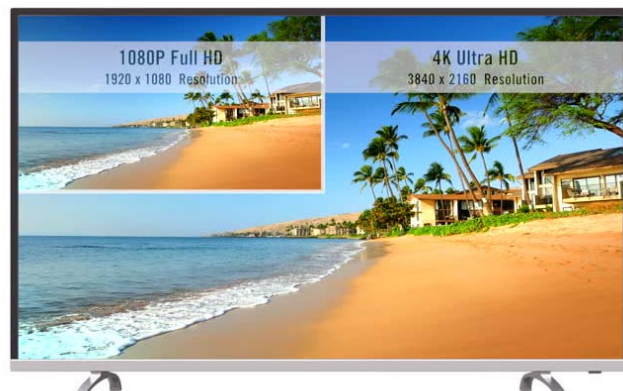
Vicon's V988D-W311MIR HD IP Dome Camera and V988B-W311MIR Bullet Camera are designed for performance in demanding security installations. The cameras provide 4K (8 MP) resolution with a 3.6-11 mm motorized varifocal lens. IR illuminators provide superior images in low-light environments with an effective range up to 90 ft.

The cameras are perfect for installations that require excellent picture quality at minimal bandwidth while offering maximum protection against dust, dirt, and water. Boasting a sleek modern design and offering 4K high-definition images, they are suited for a wide range of outdoor applications. The environments that it would flourish in are, but not limited to, city surveillance, prisons, parking lots, transportation, e.g., airports, stations or hub terminals, or Industrial environments, port facilities and industrial plants.

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

### Products at a Glance

- ▶ 4K resolution (8 MP)
- ▶ H.264/H.265 and M-JPEG compression
- ▶ True WDR
- ▶ IR LEDs (90 ft/30 m range)
- ▶ Motorized varifocal lens
- ▶ Video Content Analysis (VCA)
- ▶ Audio and alarm input/output
- ▶ Power-over-Ethernet (PoE), 12 VDC
- ▶ Surface mounting
- ▶ IP66/IK10



4K Ultra HD is 4X Greater Than 1080p Resolution

Model Number	Resolution/Environment
V988D-W311MIR	4K (8MP) Outdoor Dome Camera
V988B-W311MIR	4K (8MP) Outdoor Bullet Camera
V670-HCS254	Kit for in-ceiling mounting; for V988D
V670-HDA202-1	1.5 in. NPT pipe mount adapter; converts for pendant mounting; for V988D
V670-HDB243	Wall mount; for V988D
V932EZ-EB	Electrical box for ease of cabling; for V988D
V988B-BOX	Electrical box for ease of cabling; for V988B
V670-HCM150	Corner mount adapter; compatible with V988B-BOX
V670-HCM151	Pole mount adapter; compatible with V988B-BOX

## Camera Specifications

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 (4 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:	28 LEDs (Dome)/34 LEDs (Bullet); 90 ft (30 m)
<b>Lenses</b>	
Focal Length:	3.6-11 mm
Max. Aperture:	f/2.0
Iris:	Autoiris
Zoom/Focus Adjust:	Motorized zoom and focus
Field of View:	Wide: 87°; Tele: 38° (H)
<b>Network Video Transmission</b>	
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
<b>Mechanical and Electrical</b>	
Camera Angle of Adjustment:	Dome: 3-axis camera adjustment Bullet: adjusted using integral wall mount
Mounting:	Surface mount, wall or ceiling
Dimensions:	Dome: 5.7 in. (144 mm) (Diam) x 3.9 in. (98 mm) (H) Bullet: 3.5 in. (90 mm) (W) x 3.4 in. (86mm) (H) x 11 in. (279 mm) (L)
Weight:	Dome: 1.7 lb (0.79 kg) Bullet: 1.9 lb (0.86kg)
Input Power:	PoE IEEE 802.3af, 12 VDC
<b>Controls and Connectors</b>	
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
<b>Environmental</b>	
Operating Conditions:	Outdoor Temp: 14 to 120° F (-10 to 50° C) Humidity: up to 90%, non-condensing
Approvals:	FCC Class A, CE, IP66, IK10
Warranty:	3 years

**Availability and Pricing-** Please contact your [regional sales rep](#) or visit our [website](#) for more information.