Sales Alert

Vicon Expands Their V980 sCamera Series

Based on extensive interest, Vicon is proud to announce a major expansion to their popular V980 series bullets and domes to include 2, 4 and 5 MP options. These HD cameras join our popular 8 MP camera in the same family.

We have also introduced our powerful advanced analytics for the 5 & 8 MP models. The advanced analytics are robust edge-based analytics designed for proactive responses and streamlined investigations. These cost-competitive designs are practical for both indoor and outdoor settings.

Designed to withstand even the toughest environments, the V980 series proactively monitors your area with features like AI-driven analytics and True Wide Dynamic Range. Designed to perform in the most demanding security installations, the versatile V980 series of bullet and dome cameras is engineered to deliver consistent quality in the toughest scenarios. These durable vandal-proof domes and bullets include both smart encoding and H.265 compression to reduce bandwidth and storage without sacrificing its superior image quality.

Product at a Glance

- Dome and bullet form factors
- 2 MP, 4 MP and 5 MP
- 120dB WDR provides more detail in tough lighting scenarios
- H.265/H.264 Smart Encoding compression
- Edge Analytics
- Museum Search
- Smart IR LEDs (98 ft/30 m effective range)
- IK10 and IP66

Superior Image Quality

These robust cameras are armed with a motorized varifocal P-iris lens, ensuring superior image quality even in fluctuating lighting conditions. Combined with 120 dB true wide dynamic range, the V980 series is uniquely qualified to provide a consistently high-quality surveillance footage even in the toughest scenes.

Edge Analytics

Video Analytics features embedded in the camera can be programmed specifically to generate alarms tailored to the environment. These custom rules reduce False alarms and generate proactive notifications of suspicious activity which improves the effectiveness of the security system.

The 2 MP and 4 MP models offer a suite of standard analytics while our 5 MP and 8 MP models offer our robust advanced analytics engineered to reduce false alarms while delivering powerful camera intelligence.

The V980 series includes the following analytics:

Line Cross/Counter: By pre-selecting a virtual line, this feature will automatically send an alert if a person or object crosses the defined line in either directions.

Object Left/Removed: Notifies users if a potentially suspicious object was left behind or an asset has been removed.

Wrong Direction: Detects people or vehicles travelling in the opposite of a predefined direction. Operators will receive alerts when there is movement in the wrong direction for proactive responses.

Tampering: Will notify end-users if the camera is moved, covered, vandalized with spray paint, and if something is obstructing the camera's view.

Intelligent Motion Detection: Reduces false alarms by learning normal levels of motion in a scene and only triggering an event when something irregular occurs.

Intrusion Detection: Use this feature to select a region of interest. Once the area is defined, anything that enters or leaves that space sends out an alert.

Loitering: By setting conditions and rules, this feature will alert the end-user if a person or object has stayed in a pre-defined area for too long.

Crowd Detection: This feature estimates the amount of people within a given space and sends an alarm when the capacity for that given space has reached or surpassed its maximum capacity.

Face Detection: Recognizes if an image is a face. Note that this is not face recognition.

ANALYTICS
Standard Analytics (2 MP/4 MP)
Tampering
Intelligent Motion Detection
Intrusion Detection
Advanced Analytics   **(5 MP/8 MP - includes Standard Analytics)**
Line Cross/Counter
Loitering
Object Left/Removed
Wrong Direction
Crowd Detection
Face Detection
Classification Filter for Human or Vehicle

Product Descriptions and Pricing

MODEL NUMBER	PRODUCT CODE	LENS TYPE	ENVIRONMENT
Camera			
V982B-W312MIR V982D-W312MIR	10549-00/10548-00	2.8-12 mm	Outdoor
V984B-W312MIR V984D-W312MIR	10549-10/10548-10	2.8-12 mm	Outdoor
V985B-W311MIR V985D-W311MIR	10549-20/10548-20	3.6-11 mm	Outdoor
V988B-W311MIR V988D-W311MIR	10483-10/10483-20	3.6-11 mm	Outdoor
Mounting Accessories - V980 Bullet Series			
V980B-BOX	10498-55	For ease of cabling	Outdoor
V670-HCM150	10492-10	Adapter for corner mounting; compatible with V980B-BOX	Outdoor
V670-HCM151	10492-15	Adapter for pole mounting; compatible with V980B-BOX	Outdoor
V988B-USB-BNC	10483-52	For connection to a spot monitor; USB to BNC	Outdoor
VCAM-ADAPT	10499-15	Adapter allows mounting to a 4×4 electrical box	Outdoor
Mounting Accessories - V980 Dome Series			
V980D-ICD	10548-50	Drop ceiling mounting kit	Outdoor
V980D-ICH	10548-55	Hard ceiling mounting kit	Outdoor
V670-HCS254V	10492-06	Kit for mounting V980D into a ceiling	Outdoor
V670-HDA202-1	10492-21	1-1/2" NPT pipe mount adapter; converts dome for pendant mounting	Outdoor
V670-HDB243	10492-00	For mounting the dome to a wall	Outdoor
V932EZ-BOX-2	10197-58	For ease of cabling	Outdoor
V800-BNC	10481-50	For connection to a spot monitor	Outdoor
V670-TRIM	10492-35	Trim ring that allows mounting to a 4×4 electrical box	Outdoor

Specifications

MODEL	V982/V984/V985
Camera	
Image Sensor:	1/2.8-inch CMOS progressive scan sensor/1/3-inch CMOS progressive scan sensor/ 1/2.5-inch CMOS progressive scan sensor
Max Resolution:	1920 x 1080 (1080p)/2592 x 1520 (4 MP)/2592 x 1944 (5 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:	EIS; Defog, Museum Search Standard Analytics: Tampering; Intrusion; Intelligent Motion Detection Advanced Analytics (5 MP): Line Cross/Counter; Loitering; Object Left/Removed; Wrong Direction, Crowd Detection; Face Detection, Museum Search
Electronic Shutter Speed:	Auto (1 ~ 1/10,000 sec), manual
Day/Night Performance:	True day/night (IR cut filter)
Wide Dynamic Range	True WDR, 120 dB
Minimum Illumination:	V982D-W312MIR-HTR: Color: 0.01 lux @f/1.6; BW: 0 lux, @f/1.6, IR On V984D-W312MIR-HTR: Color: 0.01 lux @f/1.6; BW: 0 lux, @f/1.6, IR On V985D-W311MIR-HTR: Color: 0.01 lux @f/1.5; BW: 0 lux, @f/1.5, IR On V988D-W311MIR-HTR: Color: 0.01 lux @ f/1.5; BW: 0 lux, @f/1.5, IR On
IR Distance:	Smart IR; 28 LEDs (Dome)/34 LEDs (Bullet); 98 ft (30 m)

Specifications continued

MODEL	V982/V984/V985
Lenses	
Focal Length:	2.8-12 mm/2.8-12 mm/3.6-11 mm
Max. Aperture:	f/1.6/ f/1.6/ f/1.5
Iris:	P-Iris
Zoom/Focus Adjust:	Motorized zoom and smart focus; manual
Field of View:	Horizontal: **V982:** Wide: 100°; Tele: 33°/ **V984:** Wide: 97°; Tele: 31°/**V985:** Wide: 87°; Tele: 38° Vertical: Wide: **V982:** 56°; Tele: 18°/ **V984:** Wide: 55°; Tele: 18°/ **V985:** Wide: 49°; Tele: 21°
Network Video Transmission	
Network:	10Base-T, 100Base-TX; RJ-45/10Base-T, 100Base-TX; RJ-45/10, 100, 1G; RJ-45
Image Compression:	H.264; H.265; M-JPEG
Resolution:	2 MP: 1920×1080 (1080P), 1440×1080, 1280×1024/720, 1024×768, 800×600/480, D1; 640×480, 400×240, CIF 4 MP: 2592x/1520, 2560×1440, 1920×1080 (1080P), 1440×1080, 1280×1024/720, 1024×768, 800×600/480, 720×576/480, 704×576/480; 640×480, 352×288/256/240, 320×240 5 MP: 2592×1944/1520, 2560×1440, 1920×1080 (1080P), 1440×1080, 1280×1024/720, 1024×768, 800×600/480, 720×576/480, 704×576/480; 640×480, 352×288/256/240, 320×240
Protocol:	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour, SNMP v3
Frame Rate:	30 fps max.
Streams:	Smart Encoding; 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; AES256 encryption, IP address filtering, HTTPS encrypted video & data transmission, SSL
Mechanical and Electrical	
Camera Angle of Adjustment:	Dome: 3-axis camera adjustment/ Dome: 1.7 lb (0.79 kg)/Bullet: 1.9 lb (0.86kg)
Mounting:	Dome: 1.7 lb (0.79 kg)/Bullet: 1.9 lb (0.86kg)
Dimensions:	Surface mount, wall or ceiling; variety of mounting options
Weight:	Dome: 5.7 in. (144 mm) (Diam) x 3.9 in. (98 mm) (H)
Input Power:	PoE IEEE 802.3af, 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 for SDHC/SDXC card (256 G max; customer-supplied); Composite Video Out: 3-pin connector

Please contact your regional sales representative or visit vicon-security.com for more information.