Vicon Introduces a Network Bullet Camera with **10X Wide-Angle to Telephoto Lens**

Vicon aims to broaden its customers' choices for versatile and affordable IP surveillance by adding the new V922B-W551MIR-A1 high definition (HD) vandal bullet camera to its successful HD network camera series.

The V922B-W551MIR-A1 is designed for outdoor security applications that need a compact vandal resistant camera that delivers detailed images and/or where a range of coverage is important. This bullet camera has a span of focal lengths, from wide angle to telephoto, providing focal length flexibility in a single lens.

Varifocal length lenses allow the installer to obtain the exact field-of-view quickly and easily, eliminating lens substitutions or the need to continuously adjust the camera setup. The 5.1-51mm 10X motorized focus and zoom lens offers the benefits of a choice of focal lengths to adjust and fine-tune the lens for any situation.

In order to adapt to low light lighting conditions, the V922B-W551MIR-A1 has integrated IR LEDs designed to illuminate the scene up to 82 ft (25 m). This bullet camera is ideal for outdoor installations such as parking lots, ports, and other areas where low light imaging is important.

IInstallation is made easy and cost effective with Power over Ethernet (IEEE 802.3af), which eliminates the need for power cables. This compact camera has an integral mount that allows it to be mounted on a wall, where the position is adjustable to any view required.

As with most Vicon products, this camera supports ONVIF, making it compatible with Vicon Valerus™ and ViconNet® as well as many other open platform VMS systems.

To learn more about this new camera or for any information on our full security solutions portfolio please call 800-645-9116.

Product at a Glance

- 1080p resolution (1920x1080)
- Color: 0.35 lux; BW: 0.013 lux (IR LEDs off)
- 5.1-51 mm motorized focus and zoom lens (10x)
- True WDR (120 db)
- H.264 high-profile and MPEG-4 compression
- IR LEDs (82 ft/25 m range)

- Power-over-Ethernet (PoE+) or 12 VDC
- Triple streaming video
- Audio and alarm in/out
- uSD card slot for on-camera storage
- Rugged construction for harsh indoor or outdoor environments, IP66 and IK10 rated; integral heater

ORDERING INFORMATION

Model Number	Product Code	Description
V922B-W551MIR-A1	10398-40	1080p resolution (2 MP) network vandal bullet camera; 5.1 - 51 mm (10X) motorized zoom and focus; IR illuminators
V988B-BOX	10483-50	Backbox; for ease of cabling
V670-HCM150	10492-10	Corner Mount; adapter for corner mounting; compatible with V988B-BOX
V670-HCM151	10492-15	Pole Mount; adapter for pole mounting; compatible with V988B-BOX
V-CAM-ADAPT	10499-15	Adapter; for mounting to a 4x4 electrical box

V988B-BOX   V670-HCM150   V670-HCM151   V-CAM-ADAPT

SPECIFICATIONS

Image Sensor	1/2.8-inch progressive scan CMOS
Max Resolution	1080 x 1920 (2 MP)
Image Setting	Adjustable bit rate. Digital image effects: flip/mirror. Configurable brightness, contrast, color, hue, sharpness. White balance. Digital zoom. Automatic gain control (AGC). Electronic shutter speed (AES). Automatic or manual day/night mode. BLC (Backlight Compensation). Dynamic Noise Reduction (2DNR/3DNR). Motion detection (16 areas). Privacy masking (16 zones). Zoom/focus presets (256 presets). Slow shutter.
Video Analytics	DIS, Defog, Tampering, Line Cross Detection, Field Detection, Face Detection
Electronic Shutter Speed	Auto 1/3 ~ 1/30,000; Manual
Digital Zoom	2-16X (client software)
Day/Night Performance	True day/night (IR cut filter)
Wide Dynamic Range	120 db WDR
Minimum Illumination	IR Color: 0.35 lux; IR BW: 0.013 lux @ 50 IRE
IR Distance	82 ft (25 m) (with 32 IR LEDs)

Lenses	
Focal Length:	5-51 mm motorized focus and zoom (10X zoom)
Max. Aperture:	f/1.3
Iris:	Autoiris
Zoom/Focus Adjust:	Motorized focus and zoom; 256 presets
Horizontal Field of View:	54° - 4.9°

Network Video Transmission	
Network	10Base-T, 100Base-TX, RJ-45
Image Compression	H.264, M-JPEG (triple stream: 2x H.264/1x M=JPEG); CVBR, VBR bit rate control
Resolution	1920x1080 (1080P full HD), 1280x1024 (SXGA), 1280x720/960 (720P HD), 704x480/576 (D1), 640x480/360 (VGA), 320x240 (QVGA)
Protocol	IPv4/IPv6, TCP/IP, HTTP, HTTPS, RTSP, RTCP, RTP, DHCP, FTP, UDP, uPnP, ARP, QoS, Zeroconf, Bonjour
Frame Rate	60 fps max.
Streams	Triple streaming (30 fps); Dual streaming (60 fps)
Users:	Live viewing for up to 10 clients; playback up to 3 clients (Unicast)
Web Browser	Internet Explorer® 7.0 and above; Safari®, Firefox®, Google® Chrome®
Security	IP address filtering, HTTPS encrypted data transmission, SSL, password protection

Mechanical and Electrical	
Construction:	Die-cast aluminum housing; polycarbonate plastic clear window
Camera Angle of Adjustment:	Pan and tilt adjustment of integral wall mount
Mounting:	Integral mount for surface mounting
Dimensions:	3.9 in. (98.4 mm) (W) x 3.7 in. (92.9 mm) (H), 11.4 in. (287.7 mm) (D), including sunshield /mount
Weight:	2.6 lb (1.2 kg), including sunshield and mount
Input Power:	12 VDC, PoE IEEE 802.3at Class 4 (PoE+)
Current (IR on):	12 VDC: 1.6 A max.; PoE: 0.47 A
Power Consumption (IR/heater on):	12 VDC: 19.2 W max.; PoE: 22.6 W
Audio:	1 input/1 output; G.711 codec; 64 kbps bit rate
Storage:	Slot for uSD card on camera (SDHC, max. 32 GB; card not supplied)

Controls and Connectors	
Connectors:	Power: 12 VDC jack; PoE/Network: RJ-45 CAT 5. Local Storage: uSD card slot. Alarm in/out: 3-pin screw terminal. Audio in (mic)/out (spkr): 2-pin screw terminal each. Reset button.

Environmental	
Operating Conditions:	Temp: -22 to 122° F (-30 to 50° C) Humidity: up to 90%, non-condensing
Approvals:	FCC Class A, CE, IP66; IK10
Warranty:	3 years

Availability - Please contact your regional sales rep or visit www.vicon-security.com for more information.

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