

V96xB-IR310M-B Series (EMEA) NETWORK BULLET CAMERA



Vicon's V963 and V965 high definition vandal resistant WDR network bullet camera is designed for security installations that need a vandal resistant camera that delivers outstanding imaging at 3MP or 5MP resolution. Integrated IR LEDs allow the camera to deliver crisp clear images in low light conditions.

These bullet cameras provides triple-streaming video and supports H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. Users can receive multiple streams simultaneously in different resolutions, frame rates and image qualities for viewing on different platforms. A microphone can be connected to the camera to capture audio.

Installation is made easy and cost effective with Power over Ethernet (IEEE 802.3af), which eliminates the need for power cables. Remote focus and zoom as well as an electrical junction box simplifies the installation process. In order to adapt to the low light lighting conditions, the V963 and V965 have integrated IR LEDs designed to illuminate the scene up to 30 meters.

Product at a Glance

- ▶ 3MP and 5MP resolution models
- ▶ Real Time (30 fps) at full resolution
- ▶ 0.63 lux @ 50 IRE (IR LEDs off)
- ▶ 3-10.5mm motorized focus and zoom P-IRIS lens
- ▶ 120 dB WDR
- ▶ Power-over-Ethernet (IEEE 802.3af), 12VDC, 24VAC
- ▶ IR LEDs (30m range)
- ▶ Privacy Masking
- ▶ Audio In/Out
- ▶ Alarm In/Out relays
- ▶ IP66 and IK10
- ▶ Electrical junction box included
- ▶ ONVIF Compliant

Ordering Information

Description

3MP network bullet camera. IR LEDs (30m), 3-10.5mm MFZ Lens, 120 dB WDR, IP66. IK10. POE (12W)

5MP network bullet camera. IR LEDs (30m), 3-10.5mm MFZ Lens, 120 dB WDR, IP66, IK10, POE (12.5W)

Model Number

V963B-IR310M-B

V965B-IR310M-B

Model	V963B-IR310M-B	V965B-IR310M-B
Image Sensor:	IMX-124 (1/2.8")	IMX-178 (1/1.8")
Max Resolution:	2048 x 1536 (30 fps)	2592 x 1944 (30 fps)
Image Settings:	Adjustable bit rate. Flip and mirror. Configurable brightness, contrast, color, hue, sharpness. White balance. AGC. AES. Automatic or manual day/night mode. 3DNR, BLC (Backlight Compensation). Digital zoom. Motion detection. Slow Shutter. Privacy Masking	
Shutter Speed:	1/4 ~ 1/5000 sec	
Electronic Zoom:	2 ~ 100X (client software)	
Day/Night Performance:	IR cut filter, True Day/Night	
S/N Ratio:	120 dB WDR	
Minimum Illumination:	Color: 0.63 lux (F3.5, 50IRE); B/W: 0.0 lux (IR LEDs ON)	
Lens		
Focal Length:	3-10.5 mm motorized focus zoom	
Max. Aperture:	f/1.4	
Iris:	P- Iris	
IR LED Distance	30m (42 LEDs)	
Horizontal Field of View:	28° - 85°	38° - 100°
Network Video Transmission		
Network:	10Base-T, 100Base-TX, RJ-45	
Image Compression:	H.264 (High Profile) CBR/VBR; M-JPEG	
Protocol:	IPv4, TCP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SNMP, DHCP, NTP, DNS, DDNS, UDP, ARP	
Frame Rate:	1 ~ 30 fps	
Streaming:	Triple Streaming (3x H.264)	
Users:	Live viewing for up to 8 clients (unicast)	
Web Browser:	Internet Explorer® 7.0 and above, Chrome®, Firefox®	
Security:	IP address filtering, HTTPS encrypted data transmission, password protection	
Mechanical and Electrical		
Construction:	Aluminum Die-casting, IP66, IK10	
Mounting:	Surface mount.	
Dimensions:	Body: 123mm (Φ) x 298mm (H)	
Weight:	1.42 Kg	
Input Power:	PoE (IEEE 802.3af Class 0); 12VDC; 24VAC	
Other Connectors:	Micro SD Card; Analogue Video Out (CVBS)	
Power Consumption (IR ON):	Max 12W (IR and Heater ON)	Max 12.5W (IR and Heater ON)
Heater	3W	
Alarm Relay	1 Line In; 1 Line Out	
Audio In	1 Line In; 1 Line Out	
Audio Out	G.711 codec	
Environmental		
Operating Conditions:	Temp: -40 to 50° C); Humidity: less than 90%, non-condensing	
Approvals:	FCC Class A, CE, UL	
Warranty:	3 years	

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