

VISIX™ 3MP High-Definition Infrared IP Bullet Camera

This full featured IP camera is the perfect combination of form and function, providing dual-streaming high-definition video for surveillance applications requiring superior clarity and detail in varying lighting conditions.

The VX-3M20-B-RIAWD is packed with all the features you might need for nearly any application including: alarm input/output, motion detection; 120dB Wide Dynamic Range, Remote Focus, lowlight day/night functionality, and compatibility with a wide variety of standardized network protocols.

The aesthetically-pleasing bullet camera format allows for easy installation in a wide variety of locations. Designed to continue functioning at temperatures as low as -30°C (-22°F) and as high as 60°C (140°F), the IP66-rated enclosure provides protection in the harshest environments for superior dust and water resistance.

Comes standard with a 8-32mm varifocal lens providing support for most applications. Infrared operation allows use in varying lighting conditions down to 0 lux for superior nighttime video.

Dual-streaming compression allows recording at the highest quality while allowing fast live viewing from anywhere in the world regardless of available bandwidth. In addition, with full support for both variable bit rate and variable frame rate, the quality of each stream can be matched to available bandwidth for the most effective video quality possible.

When coupled with the VIGIL™ NVR and sytem software, superior point-to-point hardware compression and decompression allows for maximum performance of streamed live video providing better video quality, more concurrent streams and a lower overall hit to CPU performance.

Superior compatibility with all VIGIL™ products allowing the best performance and capabilities possible.

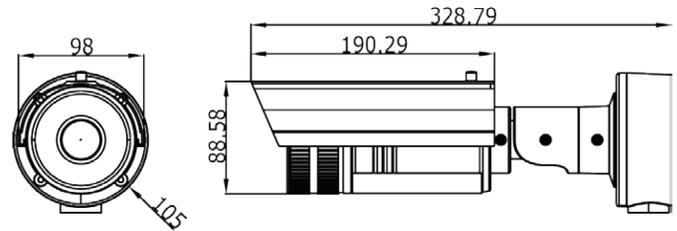


Key Features and Benefits

Resolution	3 MP (2048 x 1536)
Frame Rate	30 fps
Compression	H.264/MJPEG/ MPEG4
Lens	8-32mm Varifocal
Remote Focus	✓
WDR (True)	120 dB
Audio	Two-way
On-Camera Storage	Micro SD/SDHC/ SDXC, up to 64GB
Built-in IR	up to 80 m
Analytics	✓
Outdoor	IP66
ONVIF/PSIA Compliant	✓
Warranty	3-Year

CAMERA

Image Sensor:	1/3 inch Progressive Scan CMOS
Lens:	8 - 32mm, F1.6/DC Auto Iris lens Angle of View: 33.2° to 13.8
Remote Focus:	Yes
Min. Illumination:	0.1 Lux / F1.2 with Auto Gain Control 0.14 Lux / F1.4 with Auto Gain Control 0 Lux with IR
IR Range:	Up to 80 Meters
Electronic Image Stabilization:	Supported
Day/Night:	Infrared
Wide Dynamic Range:	Yes, 120dB
Shutter Times:	1 sec. to 1/100,000 sec.



COMPRESSION STANDARD

Video Compression:	H.264/MPEG-4/MJPEG
Video Bit Rate:	32 Kbps - 16 Mbps
Audio Compression:	G.711/G.726/MP2L2
Dual Video Streams:	Yes



IMAGE

Max. Image Resolution:	2048(H) x 1536(V)
Frame Rate:	20 fps (2048x1536) 30 fps (1920x1080) 30 fps (1280x720)

FUNCTIONS

Alarm Triggers:	Intrusion detection, Defocus detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network Disconnect, IP Address conflict, Storage exception
Storage:	Built-in Micro SD/SDHC/SDXC slot, up to 64GB
Security:	User Authentication, Watermark, IP Address filtering, Anonymous access, Reset
Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, NTP, RTP, RTCP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, IGMP, UPnP, ICMP, QoS, IPv6, 802.1x, Bonjour
System Compatibility:	ONVIF, PSIA, CGI

PHYSICAL

Working Temperature:	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Weather Resistant:	IP66
Dimensions (inches):	3.85" x 4.13" x 12.94"
Dimensions (mm):	98mm x 105mm x 328.8mm
Weight:	3.75 lbs. / 1700 g

ELECTRICAL

Power Supply:	12 V DC ±10%; PoE (802.3af)
Power Consumption:	12.5W Max

INTERFACE

Communication:	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface,
Alarm Input:	1
Alarm Output:	1
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in.
Audio Output:	1-ch 3.5 mm audio interface

WARRANTY

Three (3) Year Return to Depot Parts and Labor Warranty

CERTIFICATIONS

FCC, CE

PART NUMBER

VX-3M20-B-RIAWD: 3MP Indoor/Outdoor Infrared IP Bullet Camera

RECOMMENDED MOUNTS

Ceiling/Wall Mount:	Already Included
VX-POLE:	Pole Mount Adaptor