

VISIX™ 4MP 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-4M20-B-RIWD is packed with all the features you might need for nearly any application including: alarm input/output, motion detection; 140dB 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 IP67-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	4 MP (2560x1440)
Frame Rate	30 fps
Compression	H.265/H.264/ H.265+/H.264+/ MJPEG
Lens	8-32mm Varifocal
Remote Focus	✓
WDR	140 dB
Built-in IR	up to 50 m
Analytics	✓
Impact Resistance	IK10
Weather Resistance	IP67
ONVIF (Profile S, Profile G)	✓
On-Camera Storage	Micro SD/SDHC/ SDXC, up to 256GB
Warranty	3 Years

CAMERA

Image Sensor:	1/1.8" Progressive Scan CMOS
Lens:	8 - 32mm, F1.6/DC Auto Iris lens Angle of View: 37.7° to 15.2°
Remote Focus:	Yes
Min. Illumination:	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR
IR Range:	Up to 50 Meters
Day/Night:	IR Cut Filter
Wide Dynamic Range:	Yes, 140dB
Shutter Times:	1 sec. to 1/100,000 sec.

COMPRESSION STANDARD

Video Compression:	H.265/H.264/H.265+/H.264+/MJPEG
Video Bit Rate:	256 Kbps to 16 Mbps
Dual Video Streams:	Yes

IMAGE

Max. Image Resolution:	2560(H) x 1440(V)
Frame Rate:	25 fps (2560 x 1440) 30 fps (2560 x 1440) 30 fps (1920x1080)

FUNCTIONS

Alarm Triggers:	Motion Detection, Video Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD Full, HDD Error
Storage:	Built-in Micro SD/SDHC/SDXC slot, up to 256GB
Security:	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF
Protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
System Compatibility:	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK

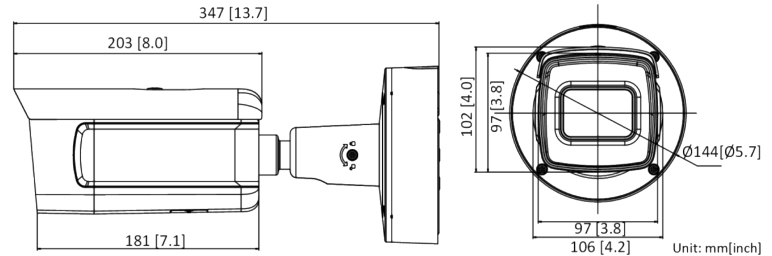
PHYSICAL

Working Temperature:	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Weather Resistance:	IP67
Impact Resistance:	IK10
Dimensions (inches):	Φ5.7" x 13.7"
Dimensions (mm):	Φ144 mm x 347 mm
Weight:	2.45 kg (5.40 lb.)

ELECTRICAL

Power Supply:	12 V DC ±20% two core terminal bloc; PoE (802.3at Class 4)
Power Consumption:	12 VDC, 1.08 A, max. 13 W; PoE: 42.5 V to 57 V, 0.31 A to 0.23 A, max. 13 W

Note: PoE power budgeting should always quote max. watts



INTERFACE

Communication:	1 RJ45 10M/100M/1000M Ethernet port
Alarm Input:	2
Alarm Output:	2

WARRANTY

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

CERTIFICATIONS

FCC, CE, UL

PART NUMBER

VX-4M20-B-RIWD: 4MP Indoor/Outdoor Infrared IP Bullet Camera

RECOMMENDED MOUNTS

Ceiling/Wall Mount:	Already Included
VX-POLE-147:	Pole Mount Adaptor
VX-CM-147:	Vertical Pole Mount