3xLOGIC
NETWORK CAMERAS | VISIX

Product Summary
VISIX™ Solution

VX-8M-180-IAW

VISIX 8MP (4K) 180, Indoor/ Outdoor Camera with Audio and Alarm I/O, True WDR, IP67 rated

This 8MP 180° Panoramic IP camera provides high-definition 100% coverage with the ability to digitally pan, tilt and zoom (PTZ) to any location. The VX-8M-180-IAW is ideal for low-light environments, and requires no blind spot monitoring. Displaying up to 3840(H) X 2160(V)pixels, this cutting-edge bullet camera is designed to integrate seamlessly with the full family of VIGIL™ Video Management System (VMS) software modules.

This 180° panoramic camera boasts industry leading low-lightspecifications. The CMOS image sensors provide a crystal-clear color image down to as low as 0.29 lux, even in conditions that would defeat conventional low-light models, making for incredible performance in any deployment. The VX-8S-180-AWD is packed with features perfect for nearly any application including: motion detection, compatibility with a wide variety of standardized network protocols, 3D DNR, DWDR, audio and alarm support. In addition, this camera is designed to continue functioning at top performance at temperatures as low as -30°C (-22°F) and as high as 50°C (122°F).

Dual-streaming compression allows recording at the highest qualitywhile allowing fast live viewing from anywhere in the world regardless of available bandwidth. With full support for both variable bit rate and variable frame rate, the quality of each stream can be matched toavailable bandwidth for the most effective video quality possible.
When coupled with the VIGIL™ Series of Network Video Recorders (NVR) and Video Management System (VMS) software, superior point-topoint 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.

Typical Use Cases

RETAIL

WAREHOUSE & DISTRIBUTION

K-12 EDUCATION



Key Features and Benefits

Lens	**2.3mm, F2.8, Fixed**
Megapixel	**8MP**
Resolution	**3840(H) X 2160(V)**
180° Field of View	✓
Infrared	✓
IR Range	**25m**
H.264,H.265,MJPEG	✓
Weather Resistance	**IP67**
Base Analytics	✓

What's in the Box

Template Sheet
Torx Wrench
Screw & Anchor
Mount Bolt & Nut
Mount Plate

Camera

Image Sensor	1/1.8" 8M CMOS
Lens	Fixed 2.3mm, F2.8
Motorized?	No
Angle of View	H:180°
Min Illum	0.29Lux, 0Lux with IR (F2.8)
IR Range	25m
Shutter Time	1/15 ~ 1/32000
Day/Night	TDN (True Day & Night)
WDR	120dB
DNR	3D-DNR

Compression Standard

Video Compression	H.264, H.265, MJPEG
Bit Rate	100Kbps ~ 10Mbps
Video Streams	3840x2160p30 + 480p30 with H.264,H265 + MJPEG

Image

Max Resolution	3840(H) X 2160(V)
Frame Rate	30fps

Functions

Base Analytics	Tamper Detection, Presence Filters (Advanced Motion), Object Tracker, Network Disconnection, Temperature Critical
Local Storage	Micro SD
SD Card Capacity	128GB
Audio Compression	G.711
Security	HTTPS(SSL), IP filtering, 802.1x
Protocols	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF
Sys.Compatibility	CGI API, ONVIF (Profile S)

Physical

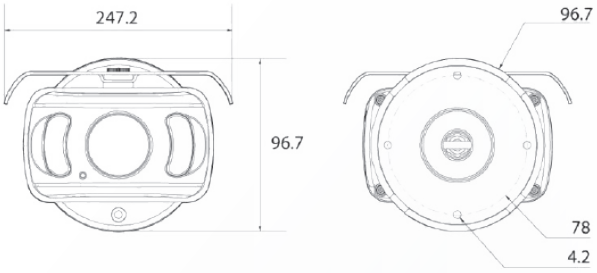
Op. Conditions	-30°C ~ 50°C (-22°F ~ 122°F)
Humidity	10-90% RH (non-condensing)
Weather Proofing	IP67
Housing Material	Aluminum Die-casting
Dimensions (D x H)	127.9mm x 222.5mm x 96.7mm
Weight	0.97kg

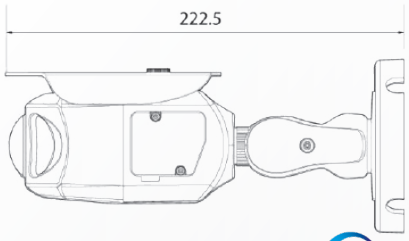
Electrical

Power Supply	DC DC12V / POE IEEE 802.3af
Power Consumption	DC12V

Certifications and Compliance

FCC Part 15, Subpart B, Class A
CAN ICES-3 (A)/NMB-3(A)
UL and ULC Safety
CE
NDAA Compliant





ONVIF

Part Number

VX-8M-180-IAW	Base Camera
VX-8M-180-IAW-A	Add Advanced Analytics License *

Interface

Communication	RJ45(10/100BASE-T)
Alarm Input	1
Alarm Output	1
Audio Input	1 [1.0Vms, 3K ohm]
Audio Output	1

Warranty

Four (4) years

Recommended Mounts

VX-JB-BJC07	Junction Box

*** NOTE:** - A advanced analytics license can be added to a Base Camera at any time to unlock advanced analytics functionality. Speak to a 3xLOGIC Sales Associate for more info.

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