

VISIX 2MP IP Indoor Multi-Sensor Cube Camera w/ WI-FI

The 3xLOGIC VX-2M-CPIR-IAW is a cube style, 2MP camera that goes far beyond being an IP video camera. A truly capable solution featuring built-in Passive Infrared (PIR) sensors, 2-way audio, and digital I/O allow the Multi-Sensor to be a feature-rich IP camera, alarm annunciator and audio system all in one small unit.

Using combinations of features, integrators can unlock the true potential of the Multi-Sensor. Combine PIR and pixel-based motion detection to decrease false motion alarms. When an alarm is triggered into the digital I/O, use 2-way audio to communicate with site.

Dual-streaming compression provides recording at the highest quality while allowing fast live viewing from anywhere in the world regardless of available bandwidth. Utilize the cameras optional edge recording for a true all-in-one solution or couple it with the VIGIL™ Series of Network Video Recorders (NVR) and Video Management System (VMS) software for superior point-to-point hardware compression and decompression, allowing 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



INDUSTRIAL



FINANCE &
BANKING



SMALL/MEDIUM
BUSINESS



Key Features and Benefits

Lens	2.8mm Fixed, F2.0
Resolution (MegaPixel)	2
1920 x 1080 @ 30FPS	✓
H.264, H.265, MJPEG	✓
Angle of View	110°
IR Range	10m
Two-Way Audio Capable	✓
IR Cut Filter w/ Auto Switch	✓
Warranty	4 Years
Base Analytics	✓
Edge Recording	Optional License Available

What's in the Box

Template Sheet
Torx Wrench
Screw & Anchor

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Lens	2.8mm, F1.6
Motorized?	No
Shutter Time	1/15s - 1/32,000s
Angle of View	D:122.7° / H:106.4° / V:57.1°
Min. Illumination	0.35Lux, AGC On : 0Lux with IR (F1.6)
IR Range	10m
PIR Range	Up to 10m, 80° Angle of View
Day / Night	IR cut filter with auto switch

Compression Standard

Video Compression	H.264, H.265, MJPEG
Video Bitrate	100Kbps - 10Mbps
Audio Compression	G.711
Audio Bitrate	G.711 -> 8,000Hz ACC -> 8,000Hz / 16,000Hz / 48,000Hz

Image

Max Resolution	1920 (H) x 1080 (V)
Video Stream	1080p30 + D1(704x480 or 704x576) p30 with H.264, H.265 + MJPEG
Framerate	30fps

Interface

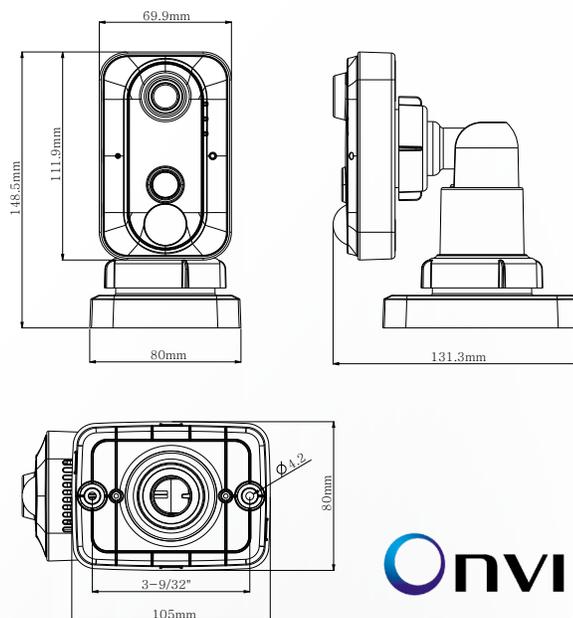
Communication	1 RJ45 10M/100M Ethernet Port
Alarm Input	2 Channel Signal Input
Alarm Output	2 Channel Signal Output
Audio In	Built-in Microphone
Audio Output	Built-in Speaker

Functions

Local Storage	Built-in Micro SD (SD/SDHC/SDXC)
SD Card Capacity	Up to 128GB
Wireless Standard	IEEE802.11b, 802.11n
Wireless Freq. Range	2.4 GHz ~ 2.4835 GHz
Wireless Security	64/128bit WEP, WPA/WPA2, WPA-PSK/ WPA2-PSK, WPS
Channel Bandwidth	20/40MHz Support
Camera Security	One-Key Reset, Flash-Prevention, Dual Stream, Password Protection, Privacy Mask, IP Address Filtering, Anonymous Access
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Sys. Compatibility	ONVIF (Profile S), CGI API
Base Analytics	Tamper Detection, Presence Filters (Advanced Motion), Object Tracker, Network Disconnection, Temperature Critical

Physical

Operating Conditions	-30°C - 50°C (-22°F - 122°F)
Humidity	10-90% RH (non-condensing)
Dimensions (D x H)	148.5mm x 80mm x 131.3mm
Weight	249.5g



Electrical

Power Supply	12V DC ±10%, PoE (802.3af)
Power Consumption	DC12V 4.2W / PoE 6.72W

Certifications / Compliance

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

Part Number

VX-2M-CPIR-IAW	VISIX 2MP Indoor Multi-Sensor Cube Style Camera - Base Camera (Power Supply Not Included)
VX-2M-CPIR-IAW-S128	VISIX 2MP Indoor Multi-Sensor Cube Style Camera Edge recording license and 128GB MicroSD card included (Power Supply Not Included)
VX-CPIR-POWER-SUPPLY	Power Supply for CPIR Camera - 100-240V, 12V/1A, 5.5x2.1x9.5mm 1.5M cord

Warranty

Four (4) years

Recommended Mounts

Universal Mount Built-in