

**VISIX 8MP Indoor/Outdoor Dome with Remote Focus (2.7-13.5mm), IR, Audio and Alarm I/O, True WDR. IP66 rated and Advanced Object Tracking Edge Analytics.**

The VX-8M-OD-RIAW-X is 8 Megapixel, IP66 rated IP camera with a remote focus lens, allowing for flexibility on installation. In addition to being outdoor rated has 120dB WDR and built-in 30m IR, making the VX-8M-OD-RIAW-X a versatile camera fitting most every outdoor installation requirement.

The VX-8M-OD-RIAW-X is compatible with the entire VIGIL Software Suite, including direct access through VIGIL Client and our mobile app View Lite II, as well as with VIGIL Central Management for remote health monitoring and notification. The camera has been optimized for use with our Advanced Analytics package for people counting, dwell timers, etc....making this camera a robust and powerful asset to your business.

The VX-8M-OD-RIAW-X also supports H.264, H.265 and dual streaming. These technologies, combined with VIGIL Server's Substream Motion Detection and RapidStream technologies allows this camera to be viewed remotely in both live and playback modes with minimal impact on your network. Coupled with the VIGIL™ Series of Network Video Recorders (NVR) and Video Management System (VMS) software, including the VIGIL Analytics Bridge which helps to streamline reports from data gathered by the camera's analytics engine via VIGIL Client's Advanced Reporting. Superior 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



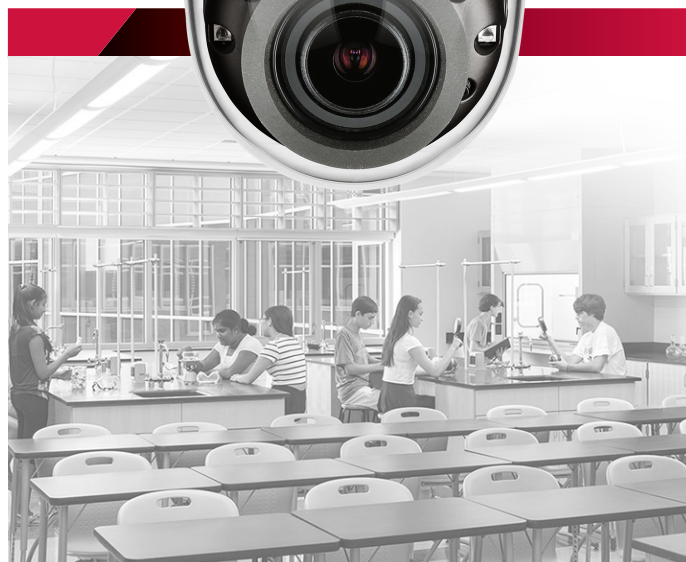
**K-12  
EDUCATION**



**RETAIL**



**HOTEL &  
RESTAURANT**



## Key Features and Benefits

<b>Lens</b>	<b>2.7mm - 13.55mm</b>
<b>Resolution (Megapixels)</b>	<b>8</b>
<b>H.264/H.265/MJPEG</b>	✓
<b>Wide Dynamic Range</b>	<b>120dB</b>
<b>IR Range</b>	<b>30m</b>
<b>IP67 Weather-Resistant</b>	✓
<b>Base Analytics</b>	✓
<b>People Counting</b>	✓
<b>Dwell Timer</b>	✓
<b>Enter / Exit Counting</b>	✓

## What's in the Box

Template Sheet  
Torx Wrench  
Screw & Anchor  
Test Video Cable

Moisture Absorber &  
Guide

## Camera

Image Sensor	1/2.8" 8M CMOS
Lens	2.7mm - 13.5mm/F1.4
Motorized?	Yes
Angle of View	Horizontal: Approx. 90.3° (Wide) to 33.1° (Tele)
Min Illum	Color : 0.09Lux, B/W : 0Lux ( IR LED ON )
IR Range	30m, H2IR( High Power LED )
Shutter Time	Auto / Manual ( 1/30 ~ 1/32000 ), Anti-Flicker, Slow Shutter( 2X, 3X, 5X, 6X, 7.5X, 10X )
Day/Night	TDN (True Day & Night)
WDR	120dB

## Compression

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

## Image

Max Image Res.	3840(H)x2160(V)
Frame Rate	30fps

## Functions

Base Analytics	Tamper Detection, Presence Filters (Advanced Motion), Object Tracker,
Security	Network Disconnection, Temperature Critical
Protocols	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication

## Physical

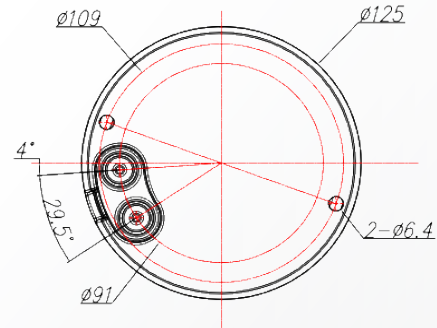
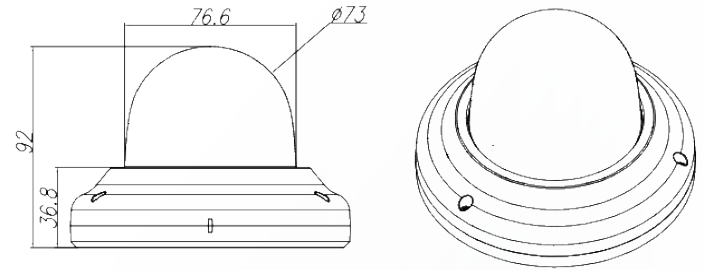
Operating Conditions	-30°C ~ 50°C (-22°F ~ 122°F)
Humidity	10~90% RH (non-condensing)
Weather Proof Rating	IP67
Impact Protection	IK10
Housing Material	Aluminum
Dome Material	Lexan 143R
Dimensions (D x H),	125 mm x 92 mm, 0.52 kg
Weight	128GB Max. Micro SD / SDHC / SDXC
Local Storage	

## Electrical

Power Supply	DC12V (Adaptor not included) PoE IEEE 802.3af Class3
Power Consumption	DC12V Max 9W, PoE Max 12W

## Certs and Compliance

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



Unit: mm

## Interface

Communication	RJ45(10/100BASE-T)
Alarm Input	1 [1.0Vms, 3K ohm]
Alarm Output	1
Video Output	1 CVBS 1.0V p-p(75ohm)
Audio Input	1[1.0Vms, 3K ohm]
Audio Output	1

## Part Number

VX-8M-OD-RIAW-X Base Camera with Advanced Analytics License

## Warranty

Four (4) years

## Recommended Mounts

VX-PM-BC10	Pendant Mount
VX-JB-BJC03	Junction Box
VX-WM-BW10	Wall Mount
VX-GP-02	Gang Plate
VX-BC10-KIT	Pendant Mount Kit