

VISIX™ V-Series 3MP High-Definition IP Vandal-Dome Camera w/IR

This three (3) megapixel IP Wide Dynamic Range (WDR) indoor dome camera from 3xLOGIC was engineered to provide high-definition video in changing or challenging lighting conditions, including bright backlit situations. The camera provides dual-streaming high-definition video at a full 2048 x 1536 pixels for video surveillance applications requiring superior clarity and image detail.

The VX-3V-ID-RIAWD is packed with all the features you might need for nearly any application including: full two-way audio, alarm input/output, SD card slot for local recording, motion detection, 120dB Wide Dynamic Range, remote focus, low-light/no-light, day/night functionality, and compatibility with a wide variety of standardized network protocols.

This aesthetically-pleasing vandal-proof dome camera allows unobtrusive and easy installation in a wide variety of areas. 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 60°C (140°F) allowing a wide range of applications.

The VX-3V-ID-RIAWD Comes standard with a 2.8-12mm varifocal lens providing support for most applications. Wide Dynamic Range and progressive scan image sensor delivers excellent image quality in challenging and ever changing lighting conditions.

Dual-streaming compression permits 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.

As part of the V-Series line of cameras, the VX-3V-ID-RIAWD has onboard storage and, with purchase of appropriate licensing, has the ability to have VIGIL Server installed on the camera. This can make the camera a standalone recording device, allowing storage on the camera as well as redundant recording to a VIGIL Server. As a standalone camera, the VX-3V-ID-RIAWD 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.



Key Features and Benefits

Key Feature	Benefit
Lens	2.8 - 12mm Varifocal Lens
Resolution (Megapixels)	3
2048 x 1536 Resolution	✓
Variable Angle of View (94.5° ~ 30.5°)	✓
Infrared (Low-Light/No-Light)	✓
H.264/MJPEG	✓
Wide Dynamic Range	✓
Remote Focus	✓
2-Way Audio	+
IK10 Impact-Resistant (Vandal-Proof Camera)	✓
V-Series (VIGIL Embedded)	+
3 Year Warranty	✓

+ Optional Part

CAMERA

Image Sensor:	1/2.8 inch Progressive Scan CMOS
Lens:	2.8 ~ 12mm, @ F1.4; Motorized VF Lens Angle of View: 94.5° ~ 30.5°
Min. Illumination:	0.007 Lux / F1.4 with AGC on 0 Lux with IR
IR Range:	Up to 30 Meters
Auto Iris:	DC Drive
Shutter Time:	1s to 1/100,000s
Day/Night:	IR Cut Filter with Auto Switch
Wide Dynamic Range:	Yes, 120dB

COMPRESSION STANDARD

Video Compression:	H.264/MJPEG
Bit Rate:	32 Kbps - 16 Mbps
Triple Stream:	Yes

IMAGE

Max. Image Resolution:	2048(H) x 1536(V)
Frame Rate:	45 fps (2048 x 1536) 60 fps (1280 x 720) 60 fps (1920 x 1080)
Third Stream:	10 fps (1280 x 720)

FUNCTIONS

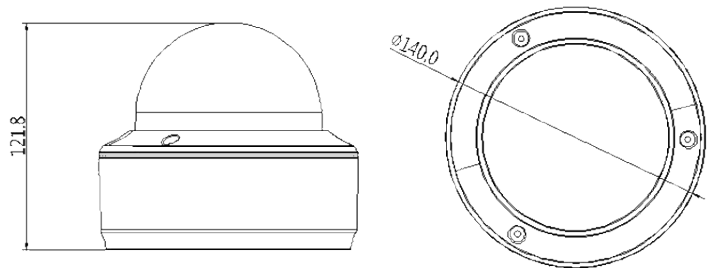
Alarm Triggers:	Motion, Network Disconnect, IP Address Conflict, Storage Exception, Tampering Alarm,
Local Storage:	Built-in SD/SDHC/SDXC Card slot, up to 128GB
Security:	User Authentication, Watermark, IP Filtering, Anonymous Access
Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, NTP, RTP, RTCP RTSP, UPnP, UDP, ICMP, ISAPI, IGMP, IPv4, IPv6, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, QoS, Bonjour
System Compatibility:	ONVIF (Profile S, G), PSIA, ISAPI, CGI

PHYSICAL

Operating Conditions:	-30°C ~ 60°C (-22°F ~ 140°F); Humidity 95% or Less (non-condensing)
Impact Protection:	Up to IK10
Dimensions (mm):	ø5.51" x 4.80" (H) ø140mm x 121.8mm (H)
Weight:	3.09 lbs. / 1400 g

ELECTRICAL

Power Supply:	12 V DC ±10%; PoE (802.3af)
Power Consumption:	6 W to 9 W with IR on (IR LEDs: +2 W, Motorized VF Lense +1 W)



Unit:mm



INTERFACE

Audio Input:	1 - Channel Microphone Input, 3.5mm Mini-Jack
Audio Output:	1 - Channel 3.5mm Audio Interface
Communication:	1 RJ45 10M/100M Ethernet Port and 1 RS-485
Alarm Input:	1
Alarm Output:	1
Video Output:	1 Vp-p Composite Output (75Ω /RCA)
Reset Button:	Yes

WARRANTY

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

CERTIFICATIONS

FCC, CE, UL, ULC

PART NUMBER

VX-3V-ID-RIAWD:	3MP Vandal Resistant IP Dome Camera (WDR)
-S	VIGIL Server Stand-Alone Software License with 64GB SD Storage

RECOMMENDED MOUNTS

VX-WM-D2:	Wall Mount Adaptor
VX-PM-D2:	Pendant Mount Adaptor
VX-FM-D2:	Indoor Ceiling Flush-Mount Adaptor
VX-POLE:	Pole Mount Adaptor
VX-CM:	Corner Mount Adaptor
VX-WMJ-D2:	Wall Mount Adaptor with Junction Box

Stand-Alone Server features can easily be added to the camera after installation. Contact your 3xLOGIC Representative for details.