

VISIX™ Indoor/Outdoor Vandal Dome - Day/Night IP Camera

This 2 megapixel VISIX Indoor/Outdoor Vandal Dome IP camera provides dual-streaming high-definition video for IP video surveillance applications requiring superior clarity and detail.

The IP66 rated enclosure provides protection in the harshest environments and the hardened exterior exceeds IK-10 providing superior vandal protection and impact resistance.

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 Series™ of digital video recorders and software from 3xLOGIC, 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.

This high-definition camera 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; low-light day/night functionality; compatibility with a wide variety of standardized network protocols and even a standard 75Ω BNC video output for focusing during install.

The convenient and aesthetically pleasing dome camera format 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 -10°C (14°F) and as high as 60°C (140°F) allowing a wide range of applications. An optional heater allows the temperature range to be extended to -40°C (-40°F).

Comes standard with a 3.3 – 12mm varifocal lens providing support for most applications. Additional lenses are available for other applications.

Day / Night operation allows use in varying lighting conditions down to 0.5 lux without the need for electronic gain providing better night time video.

Superior compatibility with all VIGIL products allowing the best performance and capabilities possible.



Key Features and Benefits

- Versatile—Compatible with all VIGIL™ brand Digital Video Recorders
- Full function IP network megapixel camera
- IP66 Ingress Protection Rating
- Greater than IK10 Mechanical Impact Resistance
- Dual-streaming allows simultaneous high-resolution recording and effective remote streaming
- 2 Megapixel HD Format provides high definition video at 1600 x 1200 pixels
- SD card slot for local recording
- 75Ω analog BNC output for focusing
- Full two-way audio
- Day / Night operation
- Power over Ethernet ready
- Optional Aztech recording when using VIGIL brand DVR and NVR solutions

TECHNICAL SPECIFICATION

VISIX™ Series Solutions | Indoor/Outdoor Vandal Dome IP Camera – 2MP

CAMERA

Image Sensor	1/3" CMOS
Effective Pixels	1600(H)x1200(V)
Lens	3.3 – 12mm, F1.4 manual iris lens
Min. Illumination	0.5 Lux / F1.2 0.1 Lux / F1.2, Sensitization X5
Video Output	1.0Vp-p Composite Out (75Ω BNC)
Day/Night	Electronic / ICR Option

COMPRESSION STANDARD

Compression Type	Hardware
Video Compression	MPEG-4
Video Output	32k – 2M, adj. (8Mbps max)
Audio Compression	OggVorbiss
Bit rate	Variable / Fixed

IMAGE

Image Res. – 50Hz	1600x1200, 1280x720, 800x600, 704x576, 640x480, 528x384, 704x288, 352x288, 176x144
Image Res. – 60Hz	1600x1200, 1280x720, 800x600, 704x480, 640x480, 528x320, 704x240, 352x240, 176x120
Frame Rate – 50Hz	25 fps (704x576) 25 fps (1280x720) 12.5 fps (1600x1200)
Frame Rate – 60Hz	30 fps (704x480) 15 fps (1280x720) 10 fps (1600x1200)

FUNCTIONS

Electronics PTZ	Supported
Motion Detection	Supported
Dual Stream	Independent Streams
SD Card	1 Slot, Local Record
Heartbeat	Supported
Security	Password Protected
Protocols	TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE

ELECTRICAL

Voltage	24 VAC, ±10%, 12 VDC, ±10% PoE
Power Req. w/Heater Option	4 Watts Max. 14 Watts Max.

PHYSICAL

Temperature	-10°C - 60°C / -14°F - 140°F w/Heater Option -40°C - 60°C / -40°F - 140°F
Dimensions (in)	6.14" Outside Diameter 5.29" Height
Dimensions (mm)	156mm Outside Diameter 134.5mm H
Weight	3.09 lbs. / 1400g
Impact Protection	IEC60068-275EH, 50J;EN50102 > IK10
Water & Dust Resistance	IP66

INTERFACE

Voice Talk Input	1 channel (2.0~2.4Vp-p,1kΩ)
Voice Output	1 channel (600Ω)
Communication	1 RJ45 10M/100M self-adaptive Ethernet port and 1 RS-485 interface
Alarm Input	1 Channel Signal Input
Alarm Output	1 Channel Signal On/Off Output

OPER. SYSTEM Embedded Linux

WARRANTY One year limited warranty

CERTIFICATIONS CSA Approved

PART NUMBER

2MP Vandal Dome	VSX-2MP-VD
2MP Vandal Dome with Heater	VSX-2MP-VD-H

RECOMMENDED MOUNT

Wall Mount Bracket	VSX-DS-1217ZJ
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RECOMMENDED ACCESSORIES

Interior Mic & Speaker	VSX-STW1
Exterior Mic & Speaker	VSX-STW1-2
POE Power Splitter for mic/speaker	VSX-TPE-102S