

VISIX™ 2MP IP PTZ Camera – 30X Zoom

This two (2) megapixel day/night network speed dome PTZ camera combines 3D intelligent positioning with 30X optical, 16X digital zooming capability making this the perfect camera for demanding network video surveillance applications requiring both clarity and detail in varying lighting conditions. Real-time, 30 frames-per-second output is available at high definition resolution.

The VX-2M-OP-PTZ is designed to continue functioning at top performance at temperatures as low as -30°C (-22°F) and as high as 65°C (149°F) allowing a wide range of applications in the harshest of conditions. Its IP66-rated enclosure provides for superior dust and water resistance further enhancing its durability.

This high-speed megapixel PTZ camera is packed with all the features you might need including: low-light day/night functionality, 3D positioning, power loss recovery, scheduled task mode, privacy zones, patrol and pattern support.

An infrared cut filter allows use in varying lighting conditions down to 0.005 lux@ F1.6 for superior night time video. 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 (DVR) and Video Management System (VMS) software, 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.



Key Features and Benefits

Lens	4.3mm to 129mm 30X Zoom
Resolution (Megapixels)	2
1920 x 1080 Resolution	✓
360° Pan, -5° to 90°Tilt	✓
IP66 Weather-Resistant	✓
30 fps at HD Resolution	✓
Double Streaming Compression	✓
H.264, MPEG4, MJPEG	✓
65.5° to 2.11° angle of view	✓

CAMERA

Image Sensor:	1 / 2.8 inch Progressive Scan CMOS
Angle of View:	65.5° to 2.11°
Min. Illumination:	Color: 0.05 lux @ F1.6 Auto Gain Control On BW: 0.005 lux @ F1.6 Auto Gain Control On
White Balance:	Auto, Manual, ATW, Indoor, Outdoor, Day Light Lamp, Sodium Lamp
Auto Gain Control:	Auto/Manual
S/N Ratio:	≥ 50dB
Day/Night:	IR Cut Filter
Shutter Time:	1 second to 1/30,000 seconds
Digital Zoom:	16X
Optical Zoom:	30X
Privacy Masks:	24 zones, maximum 8 zones on a same image, multiple colors and mosaics optional
Focus Mode:	Automatic, Semiautomatic, Manual

LENS

Focal Length:	4.3 – 129mm, 30X zoom
Zoom Speed:	Approximately 3 seconds (optical wide telephoto)
Angle of View:	65.5° to 2.11° (Wide Telephoto)
Working Distance:	10 to 1,500mm (Wide Telephoto)

COMPRESSION STANDARD

Video Compression:	H.264, MPEG-4, MJPEG,
Dual Video Streams:	Yes
Audio Compression:	G.711a, G.711u, G.726

IMAGE

Max. Image Resolution:	1920(H) x 1080(V)
Frame Rate:	30 fps (1920 x 1080)

FUNCTIONS

Alarm Actions:	Preset, Pattern, Patrol, Relay Output, SD/SDHC Card Recording, Notification on Client
Alarm Input:	7
Alarm Output:	2 Relay outputs, Alarm response actions configurable
Security:	User authentication (ID and PW), Host authentication (MAC address) IP address filtering
Protocols:	IPv4, IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
System Compatibility:	ONVIF, PSIA, CGI, API
Audio Modes:	Off, Audio input, Audio output
Local Storage:	Built-in Micro SD/SDHC Slot, up to 32GB
Audio Input:	1
Audio Output:	1

PAN AND TILT

Pan Range:	360° endless
Pan Manual Speed:	0.1° -300°/s
Pan Preset Speed:	540°/s
Tilt Range:	-5°-90°(Auto Flip)
Tilt Manual Speed:	0.1°-240°/s
Tilt Preset Speed:	400°/s
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiples
Patrol Support:	8 patrols, up to 32 presets per patrol
Pattern Support:	4 patterns, recording time not less than 10 minutes per pattern
Action Support Scans:	Preset, Patrol, Pattern, Pan Scan, Tilt Scan, Random Scan, Frame Scan, Panorama
Power Loss Recovery:	Supported

PHYSICAL

Operating Conditions:	-30°C - 65°C (-22°F - 149°F); Humidity 90% max (non-condensing)
Weather Protection:	IP66
Electrical Protection:	TVS 4,000V lightning, surge, voltage transient
RS-485 Protocol:	Pelco-P, Pelco-D, self-adaptive
Dimensions (inches):	8.66" x 12.81"
Dimensions (mm):	220 x 325.5
Weight:	11.02 lbs. / 5kg

ELECTRICAL

Power Supply:	24VAC
Power Consumption:	40W with heater on

NETWORK

Ethernet:	10Base-T/100Base-TX, RJ-45 Connector
Number of Simultaneous Users:	Up to thirty-two (32) users, 3 levels, Admin, Camera Control, Live View Only

WARRANTY

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

CERTIFICATIONS

FCC, CE

PART NUMBER

VX-2MP-OP-PTZ30X:	2 MP IP PTZ Camera - 30X Zoom
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RECOMMENDED MOUNTS

VX-WM-PTZ:	Wall Mount Adaptor
VX-POLE-PTZ:	Pole Mount Adaptor
VX-CM-PTZ:	Corner Mount Adaptor