

VISIX™ 2MP IP PTZ Camera – 30x Zoom

The VX-2S-OP-30X is a 2MP, IP66, IK10, PTZ camera offering 30x optical zoom. Utilizing dual streaming technology, the camera can stream 30FPS at a 2MP resolution for recording, while also offering a secondary, lower resolution stream for remote live viewing with less impact on bandwidth.

Designed to work in all conditions, the camera works in temperatures ranging from -30°C (-22°F) to 65°C (149°F) as well as illumination as low as 0.02 lux. Features like digital WDR, Auto Gain Control, and configurable image parameters allow the camera to be tweaked to meet the needs of almost any environment.

The PTZ can function in a patrol, based on presets, manually, or smart tracking to track moving objects through the cameras field of view. Additionally, with built-in I/O, motion can trigger an external alarm, or an external alarm can move the PTZ.

Fully integrated into the entire VIGIL Software Suite, including VIGIL Client and View Lite II mobile apps, you can use the in and out audio lines for bidirectional communication as well complete control of the 360° endless panning and -5° to 90° tilt range, with auto image flipping, from your remote computer or mobile device.



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	✓
IK10 Vandal Resistant	✓
Smart Tracking	✓
30 FPS at HD Resolution	✓
Dual 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: 0.03 lux @ F1.6 Auto Gain Control On BW: 0.02 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:	≥ 55dB
Day/Night:	IR Cut Filter
Wide Dynamic Range:	Digital
Shutter Time:	1 second to 1/30,000 seconds
Digital Zoom:	16x
Optical Zoom:	30x
Privacy Masks:	24 zones, 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.722G.726, MP2L2

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
Local Storage:	Built-in Micro SD/SDHC Slot, up to 64GB
Audio Input:	1 (Mic in / Line in)
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, IK10
Electrical Protection:	TVS 4,000V lightning, surge, voltage transient
RS-485 Protocol:	Pelco-P, Pelco-D, self-adaptive
Dimensions (inches):	ø8.66" x 12.81"
Dimensions (mm):	ø220 x 325.5
Weight:	8.82 lbs. / 4kg

ELECTRICAL

Power Supply:	24VAC (High PoE, or Power Supply)
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-2S-OP-30X:	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