

Pro-X 4 MP PTZ IP Camera

LXPTZIP514W-X32IR



Key Features

- Outputs up to 4 MP (2560 × 1440) @30 fps
- 1/2.8" CMOS image sensor
- Powerful 32x optical zoom
- Min. Illumination 0.005 Lux @ f1.3; 0 Lux with IR LED on
- Built-in IR LED, Matrix IR LED up to 492 ft
- H.265 / H.264, flexible coding, smart codec
- Auto tracking and PFA technology
- MD 2.0 human & vehicle classification
- Smart VCA using an AI algorithm
- Supports face detection
- Built-in MicroSD slot for cards up to 512 GB
- 24 V DC / PoE+ power supply
- IP67 and IK10 protection ratings

Specifications

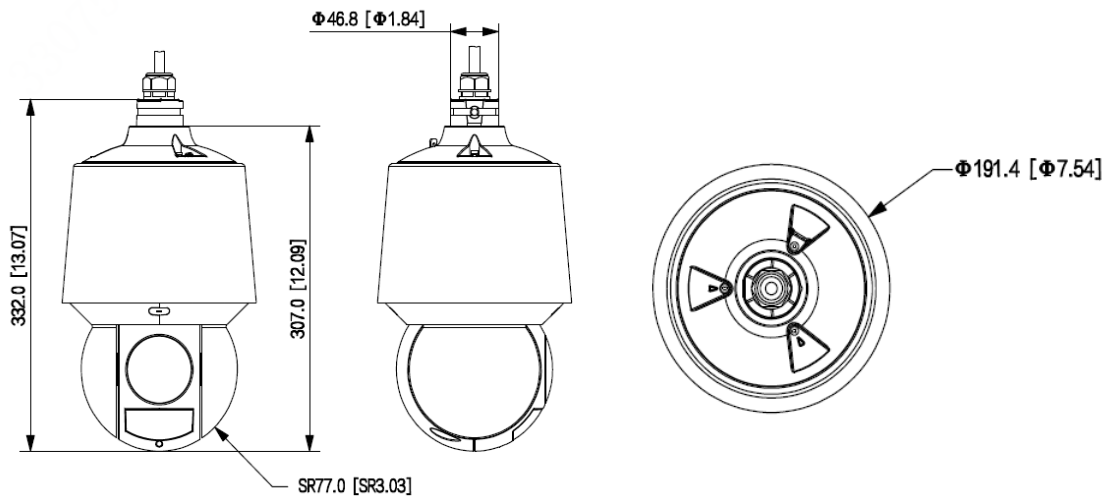
LXPTZIP514W-X32IR

Camera	
Image Sensor	1/2.8" 4-Megapixel progressive CMOS
Min. Illumination	Color: 0.005 Lux @ f 1.3 B&W: 0.0005 Lux @ f 1.3 0 Lux with IR light on
Shutter Speed	Electronic 1/1 - 1/30,000 sec.
S/N Ratio	> 56 dB
Noise Reduction	2D NR, 3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto (ICR) / Color / B&W
Angle Adjustment	Pan: 0° to 360° endless, Tilt: -15° to 90°, auto flip: 180°
Optical Zoom	32x
Focal Length	4.9 - 156 mm
Field of View	Horizontal: 61.6°-2.1°, Vertical: 35.1°-1.3°, Diagonal: 68.2°-2.5°
Close Focus Range	3.28 - 4.92 ft (1 - 1.5 m)
DORI Ranges	Detect: 10,236.22 ft (3,120 m), Observe: 4,041.99 ft (1,232 m), Recognize: 2,047.24 ft (624 m), Identify: 1,023.62 ft (312 m)
Supplemental Lighting	4 (IR LED)
Supplemental Light Range	150 m (492.13 ft)
Supplemental Light Control	Auto / Manual / Smart IR / Zoom Priority / Off
Control Speed	Manual, Pan: 0.1°/s - 250°/s, Tilt: 0.1°/s - 140°/s
Preset	300
Tour	8 (up to 32 presets per tour)
Pattern	5
Scan	5
Power-off Memory	Yes
Video	
Video Compression	H.265, H.264, H.264H, H.264B, MJPEG (only supported by sub stream1)
Smart Codec	Supported
Resolution	4 MP (2560 × 1440), 3 MP (2048 × 1536), 1080p (1920 × 1080), 1.3 MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576 / 704 × 480), CIF (352 × 288 / 352 × 240)
Video Frame Rates	Main stream: 4 MP (2560 × 1440) / 3 MP (2048 × 1536) / 1080p (1920 × 1080), 1.3 MP (1280 × 960) / 720p (1280 × 720) @ 1 fps - 30 fps Sub stream1: D1 (704 × 576 / 704 × 480) / CIF (352 × 288 / 352 × 240) @ 1 fps - 30 fps Sub stream2: 720p (1280 × 720) @ 1 fps - 30 fps
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 96 Kbps - 14,848 Kbps H265: 38 Kbps - 8,960 Kbps
Region of Interest (ROI)	Supported
Image Rotation	180°
Defog	Electronic
Image Stabilization	Electronic
Privacy Mask	Supported (24 areas with up to 8 areas in the same view)
Intelligent Analyses	

VCA's	Tripwire, intrusion (supports the classification and accurate detection of vehicles and humans)
MD 2.0	Yes, supports alarms triggered by vehicles and humans
Face Detection	Supported
Auto Tracking	Supported
Event Types	
Alarms	Motion / tampering, audio, networkdisconnection, IP conflict, memorycard state, and memory space detections
Network	
Protocols	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP,DNS, DDNS, IPv6, 802.1x, SSL, QoS, FTP, UPnP, ICMP,SNMP, IGMP, ARP, RTCP, RTP, PPPoE, RTMP, Bonjour,NFS
Interoperability	ONVIF (Profile S & G&T), API, P2P
Storage	FTP, SFTP, Micro SD card (supports up to 512 GB), NAS
Web Browsers	IE, Chrome, Firefox, Safari
Client	PRO-X, X Station
Interface	
Network	RJ-45 (10/100 Base-T)
Alarm I/O	2 input, 1 output
Audio I/O	1 input, 1 output
Two-way Audio	Yes
General	
Power	24V DC / PoE+ (802.3at), < 20 W
Materials	Metal
Dimensions	Φ 7.52 × 13.07" (Φ 191 × 332 mm)
Operating Conditions	-40° to 158° F (-40° to 70° C)
Protection Ratings	IP67, IK10
Gross Weight	17.64 lb (8 kg)
Net Weight	10.36 lb (4.7 kg)
Certifications	FCC

Dimensions (mm[inch])

mm [inch]



Accessories

Wall Mount Bracket is included in package. Optional accessory is for Parapet Mount

LXKWM02 Wall Mount (included)	LXPM06 Parapet Mount