

Pro-X 4 MP PTZ IP Camera

LXPTZIP414W-X25IR



Key Features

- Outputs up to 4 MP (2560 × 1440) @ 30 fps
- 1/2.8" CMOS image sensor
- Powerful 25x optical zoom
- Min. illumination: 0.005 Lux @ f 1.6; 0 Lux with IR LED on
- Built-in IR LED, Matrix IR LED up to 328 ft
- H.265 / H.264, flexible coding, smart codec
- Auto tracking and PFA technology
- MD 2.0 human & vehicle classification
- Smart VCAs using an AI algorithm
- Supports face detection
- Built-in MicroSD slot for cards up to 512 GB
- 12V DC / PoE+ power supply
- IP66 protection

Specifications

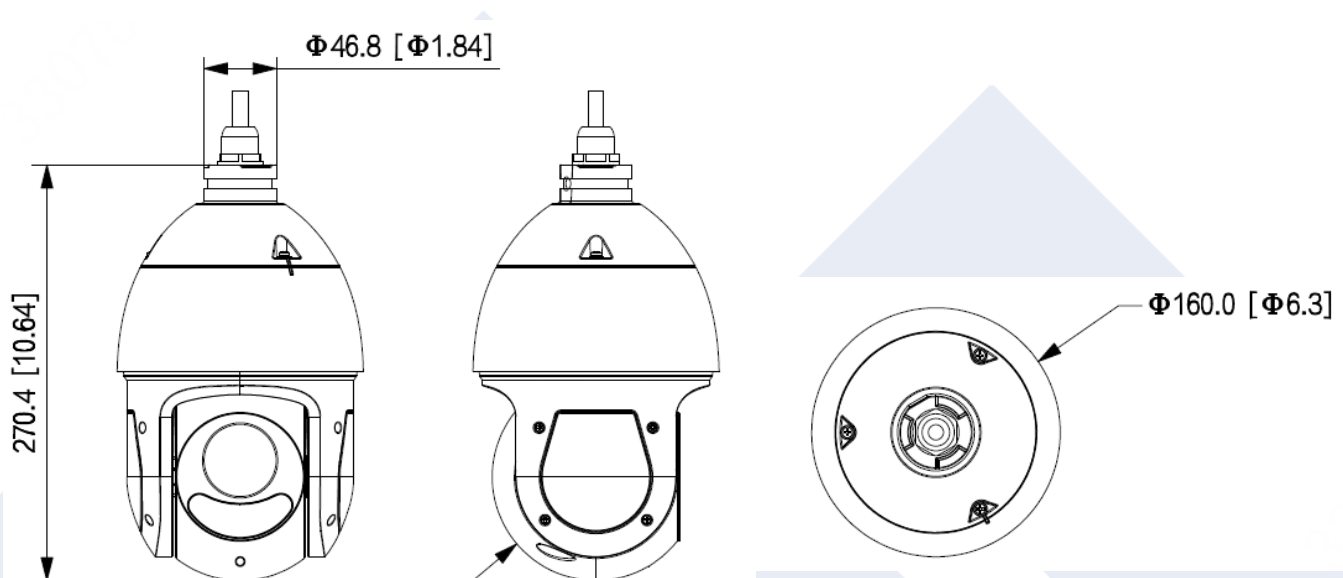
LXPTZIP414W-X25IR

Camera	
Image Sensor	1/2.8" 4-Megapixel progressive CMOS
Min. Illumination	Color: 0.005 Lux @ f 1.6 B&W: 0.0005 Lux @ f 1.6 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	25x
Focal Length	5 - 115 mm
Field of View	Horizontal: 56.2°-2.6°, Vertical: 32.5°-1.5°, Diagonal: 63.2°-3°
Close Focus Range	4.92 ft (1.5 m)
DORI Ranges	Detect: 6,797.90 ft (2,072 m), Observe: 2,719.16 ft (828.8 m), Recognize: 1,359.58 ft (414.4 m), Identify: 679.79 ft (207.2 m)
Supplemental Lighting	4 (IR LED)
Supplemental Light Range	328.08 ft (100 m)
Supplemental Light Control	Auto / Manual / Smart IR / Zoom Priority / Off
Control Speed	Manual, Pan: 0.1°/s - 200°/s, Tilt: 0.1°/s - 100°/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), 1080p (1920 × 1080), 1.3 MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), CIF (352 × 288/352 × 240)
Video Frame Rate	Main stream: 4 MP (2560 × 1440) / 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
Privacy Mask	Supported (24 areas with up to 8 areas in the same view)
Intelligent Analyses	
VCA	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	
Protocol	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,SMB, NFS
Interoperability	ONVIF (Profile S&G&T), API, P2P
Storage	FTP, SFTP, MicroSD card (supports up to 512 GB), NAS
Web Browser	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	12V DC / PoE+ (802.3at), < 15.5 W
Materials	Metal + Plastic
Dimensions	10.64 × Φ 6.30" (270.4 × Φ 160.0 mm)
Operating Conditions	-40° to 158° F (-40° to 70 °C)
Protection Grade	IP66
Gross Weight	9.48 lb (4.3 kg)
Net Weight	6.17 lb (2.8 kg)
Certification	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
	