4MP 4-inch Active Deterrence PTZ Camera,

25x Optical Zoom

LXPTZIP4C4WI-X25SDL

Key Features

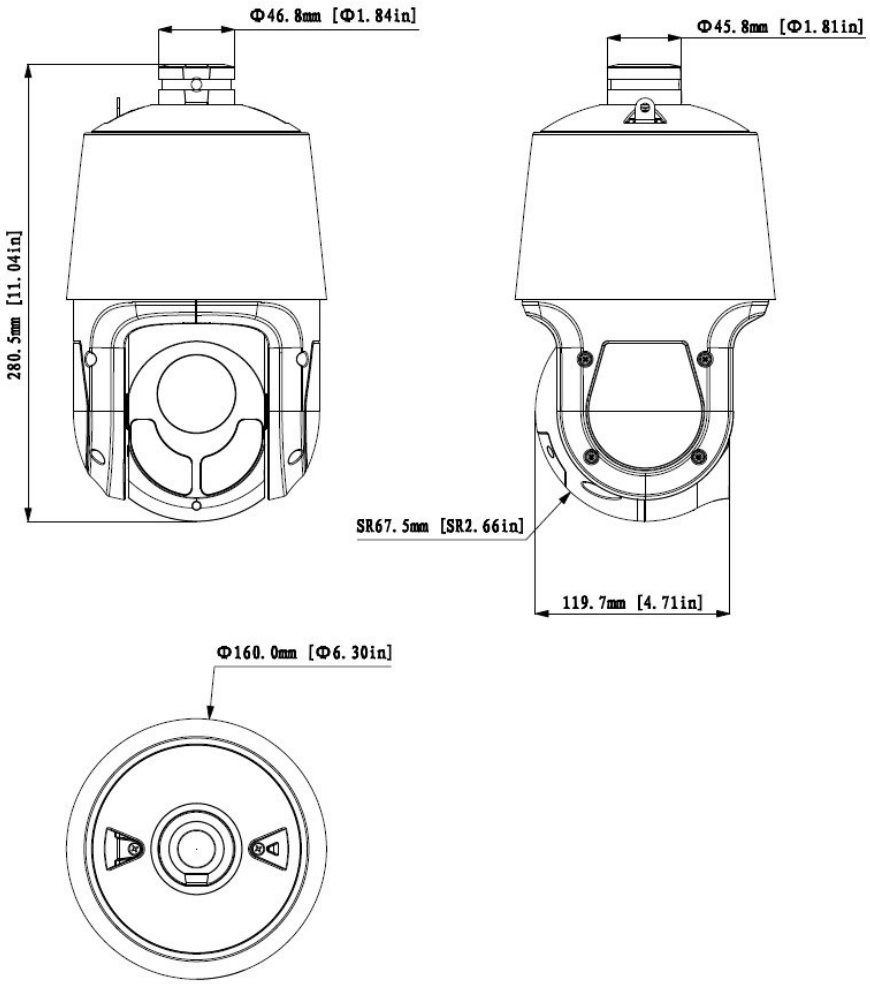
- Maximum 4MP/30FPS
- 1/2.8" CMOS and F1.6 aperture
- 25x optical zoom
- Built-in warm white lights and IR lights, the max. IR illumination distance is up to 330 ft
- VCA with Line Crossing and Intrusion by AI algorithm
- MD2.0 focus on Human and Vehicle
- X search technology
- Face Detection
- Auto Tracking
- Active Deterrence with built-in Red & Blue Lights
- Built-in Micro SD card slot, up to 512 GB
- Built-in Speaker
- Built-in heater used to defog for the lens.
- 12V DC and PoE+
- IP66

Specification

Camera	
Image Sensor	1/2.8" CMOS
Min. Illumination	0.006 Lux @ F1.6 (Color), 0.0006 Lux @ F1.6(B/W), 0 Lux (warm white lights on)
E-shutter Speed	Auto/Manual 1/1s～1/30000s
S/N Ratio	> 56 dB
Noise Reduction	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°
Zoom	25x optical(5-125mm)
Lens Type	Motorized Vari-Focal, 5mm at F1.6 to 13.5mm at F3.6
Iris Type	Auto/Manual
Field of View	Horizontal: 51.9°–3.0° Vertical: 39.7°–2.2° Diagonal: 63.1°–3.7°
Close Focus Range	0.33 ft–4.92 ft (0.1m-1.5 m)
DORI	Detect: 378.75 ft –8202.75 ft (100.2 m – 2500.2 m) Observe: 131.90 ft – 3281.50 ft (40.2 m – 1000.2 m) Recognize: 66.27 ft –1641.08 ft (20.2 m – 500.2 m) Identify: 33.46 ft – 820.86 ft (10.2 m – 250.2 m)
Illuminators	2 x IR lights, 2 x Warm white lights
Illumination Range	Up to 330ft (100m) with IR lights on; Up to 165ft (50m) with Warm white lights on
Illuminator Control	Zoom Prio, Manual, Auto, Off
Video	
Video Compression	H.265, H.264, MJPEG (Sub Stream1 Only)
Resolution	4MP (2560 * 1440), 3MP (2048 * 1536), 3MP (2304 * 1296), 1080p (1920 * 1080), 1.3MP (1280 * 960), 720P (1280 * 720), D1 (704*480), VGA (640*480), CIF (352 * 288), CIF (352 * 240)
Maximum Frame Rate	Main stream: 4MP (2560*1440) at 30 fps Sub stream1: D1 (704*480) at 30 fps, 720P (1280*720) at 30 fps Sub steam2: 1080p (1920 * 1080) at 30fps
Video Stream	3 Streams: Main Stream, Sub Stream1, Sub Stream2
Bit Rate Control	CBR, VBR
ROI	Supported (8 areas)
Image Rotation	0°and 180°
Mirror	Unsupported
Privacy Mask	Supported (8 areas)
Audio	
Built-in MIC	Unsupported
Audio Compression	PCM, G.711a, G.711Mu, AAC
PTZ	
Range	Pan: 0°-360° endless, Tilt: -15° to 90°, auto flip 180°
Pan Speed	Manual Control: 0.1°/s-120°/s Preset: 0.1°/s-240°/s
Tilt Speed	Manual Control: 0.1°/s-120°/s Preset: 0.1°/s-240°/s
Preset	300

Patrol	8 (up to 32 presets per patrol)
Pattern	5
Scan	5
Scheduled Task	Preset, Pattern, Tour, Scan
Preset Freezing	Supported
3D Positioning	Supported
Intelligent Analysis	
VCA (Video Content Analytics)	Intrusion, Line Crossing, Crossing Virtual Fence, Abandoned Object, Parking Detection, Missing Object Aggregate Detection, Loitering Detection
MD2.0	Supported
Face Detection	Supported
X search	Supported
Deep Learning Function	Not Supported
Auto Tracking	Supported
Event	
Alarm Event	Motion Detection, Audio Detection, Video Tampering, Scene Changing, Disk Full, Disk Error, Security Warning, External Alarm, AI Event
Network	
Protocol	IPv4, IPv6, DNS, DHCP, TCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, PPPoE, UPnP, SNMP, Bonjour, QoS, Auto Registration, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, NFS
Interoperability	ONVIF (Profile S & Profile G & Profile T), CGI
Storage	FTP, SFTP, Micro SD card (support max. 512 GB), NAS
Web Browser	Chrome, Firefox
PC Client	X-Station
Maobile APP	Pro-X Next
Interface	
Network port	RJ-45 (10/100 Base-T)
Micro SD card Slot	Yes
Reset Button	Supported
Auido in/out	1/1
Alarm in/out	1/1
Built in Spekaer	Yes
General	
Power Supply	12 VDC / PoE+ (802.3at)
Power Consumption	12 VDC: Max 13W, Typical 8W
Housing	Cover: Metal, Dome: Plastic
Dimensions	Φ160.0mm*280.5mm (Φ6.3in * 11.04in)
Dimensions with Box	10.51” * 10.51” * 9.33” (267.0mm * 267.0mm * 437.0mm) (L ×W ×H)
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than 95% RH
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP66
Net Weight	6.02lb (2.72 kg)
Gross Weight	9.90lb (4.49 kg)
Certification	FCC

Dimensions (mm[inch])



Accessories

Wall Mount

LXKWM02

LXJB06

Corner Mount

LXKWM02

LXCM01

Parapet Mount

LX4L04

LXPM06

Pendant Mount

LX4L04

LXPD03

Pole Mount

LXPM02

LXKWM02