

LXPTZIP4CX84WI-X25SDL



4MP PTZ 25x Optical Zoom & 2x4MP Panoramic Channel

Key Features

- Panorama: Outputs 180° wide angle splicing image; Detail: 1/2.8"4Megapixel STARVIS™ CMOS
- Powerful 25x optical zoom
- Min. Illumination 0.005 Lux@F1.64, 0 Lux with IR LED on
- Built-in IR LED, Matrix IR LED up to 328ft
- H.265/H.264, flexible coding, smart codec
- Auto Tracking
- MD2.0 focused on human & vehicle
- Large-scale AI Model
- X-Search 2.0
- Smart Perimeter Protection by AI algorithm
- Built-in Micro SD card slot, up to 512 GB
- 12V DC/PoE+ power supply
- IP66

Specification

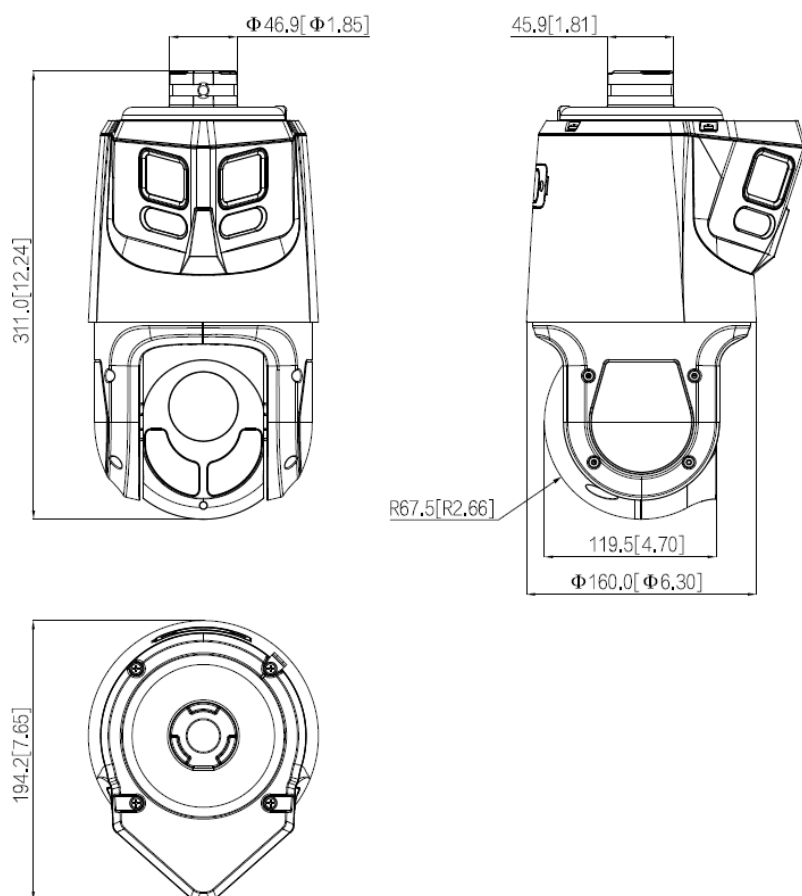
Camera	
Image Sensor	Panorama: 1/2.7" CMOS; Detail: 1/2.8" CMOS
Max. Resolution	Panorama: 4096 × 1860; Detail: 2560 × 1440
Min. Illumination	Panorama: 0.005 lux@F1.4 (Color, 30 IRE); 0.0005 lux@F1.4 (B/W, 30 IRE); 0 lux (illuminator on) Detail: 0.005 lux@F1.6 (Color, 30 IRE); 0.0005 lux@F1.6 (B/W, 30 IRE); 0 lux (illuminator on)
Shutter	Electronic 1/1 s-1/30, 000 s
S/N Ratio	> 55 dB
Noise Reduction	2D NR, 3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto(ICR)/Color/B/W
Zoom	25x optical
Focal Length	Panorama: 2.8 mm; Detail: 5 mm – 125 mm
Aperture	Panorama: F1.4; Detail: F1.6-F3.6
Field of View	Panorama: H: 180° ; V: 86° ; Detail: H: 51.9° – 3.0° ; V: 39.7° – 2.2° ; D: 63.1° – 3.7°
Close Focus Range	Panorama: 0.6 m (1.97 ft); Detail: 0.1 m – 0.5 m (0.33" – 1.64")
DORI	D: 2,500 m, O: 987.5 m, R: 500 m, I: 250 m (D: 8202.10 ft; O: 3239.83 ft; R: 1640.42 ft; I: 820.21 ft)
Illuminator	Panorama: 2 (IR light); 2 (White light); Detail: 2 (IR light); 2 (Warm light)
Illumination Range	Panorama: 30 m (98.43 ft) (IR); 30 m (98.43 ft) (white light) Detail: 100 m (328.08 ft) (IR); 40 m (131.23 ft) (white light)
Illuminator Control	Panorama: Manual; Auto; Off Detail: Zoom Prio; Manual; Auto; Off
Control Speed	Manual
Power-off Memory	Yes
Video	
Video Compression	Panorama: H.265; H.264; MJPEG(Sub Stream 1); Detail: H.265;H.264;MJPEG(Sub Stream 1);
Smart Codec	Supported
Resolution	Panorama: 8M (4096 × 1860); 2M (2048 × 928); 1080p(1920 × 1080); 720p (1280 × 720); 1024 × 448; D1 (704 × 576/704 × 480);VGA (640 × 480); CIF (352 × 288/352 × 240); Detail: 4M (2560 × 1440); 3M (2304 × 1296);1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF(352 × 288/352 × 240)
Video Frame Rate	Overview channel: Main stream: 4096 × 1860 @ (1–25/30 fps) Sub stream 1: 1024 × 448/D1/VGA/CIF @ (1–25/30 fps) Sub stream 2: 2048 × 928/1080p/1.3 M/720p @ (1–25/30 fps); Detail channel:

	Main stream: 4M/3M/1080p/1.3 M/720p @ (1–25/30fps) Sub stream 1: D1/VGA/CIF @ (1–25/30 fps) Sub stream 2: 1080p/1.3M/720p/ @ (1–25/30 fps)
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	Panorama: H264: 128 kbps – 16,384 kbps H265: 51 kbps – 13,312 kbps; Detail: H264: 96 kbps – 16,384 kbps H265: 38 kbps – 10,240 kbps;
ROI	Supported
Image Rotation	180°
Image Enhancement	BLC, HLC, 3D NR
Defog	Electronic
Image Stabilization	Electronic
Privacy Mask	Not Supported
PTZ	
Range	Pan: 0°-360° endless, Tilt: -15°to 90°, auto flip 180°
Pan Speed	Manual Control: 0.1° /s-180° /s Preset: 180° /s
Tilt Speed	Manual Control: 0.1° /s-90° /s Preset: 90° /s
Preset	300
Patrol	8
Pattern	5
Scan	5
Scheduled Task	Preset, Pattern, Tour, Scan
Preset Freezing	Supported
3D Positioning	Supported
Intelligent Analysis	
VCA	Tripwire; intrusion; crossing fence detection; loitering detection; abandoned/missing object; parking detection; people gathering; linkage tracking
MD2.0	Yes, support alarm triggered by vehicle and human
Large Scale AI model	High-accuracy human and vehicle detection with fewer false alarms and missed events.
Auto Tracking	Supported
Audio	
Built-in Mic	Not Supported
Built-in Speaker	Supported
Audio Compression	PCM, G.711A, G.711Mu,
Audio Bitrate	Sampling rate :PCM(8000Hz; 16000Hz; 32000 Hz) G.711A(8000 Hz); G.711Mu(8000 Hz;)
Event	
Basic Event	Motion/tampering detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection

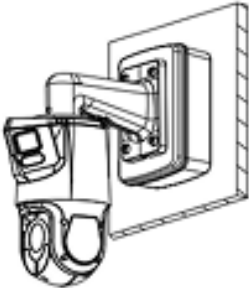
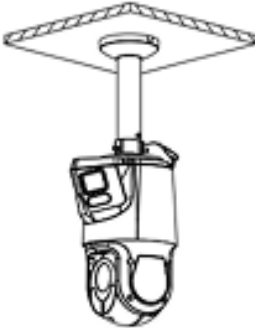
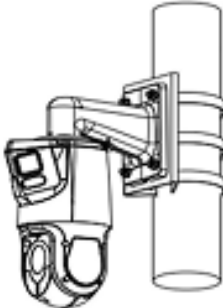
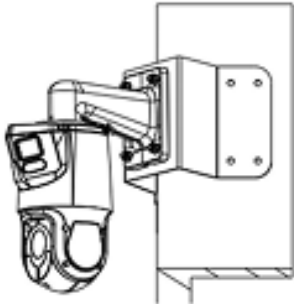
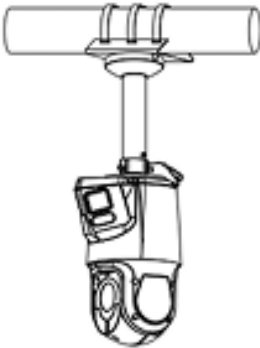
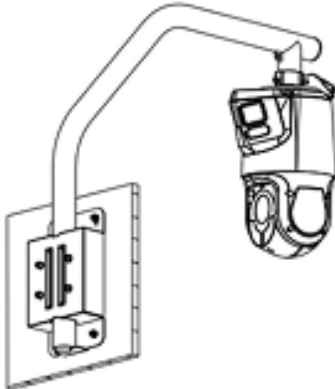
Alarm Linkage	Capture; recording; send email; alarm digital output; audio; warning light
Network	
Protocol	HTTP;HTTPS;TCP/IP;IPv4;RTSP;SMTP;NTP;DHCP;DNS;DDNS;IPv6;802.1x;SSL;Qos;FTP;UPnP;SNMP;ARP;RTCP;RTP;PPPoE;RTMP;Bonjour;NFS
Interoperability	ONVIF (Profile S&G&T);CGI;SDK;P2P
Storage	Micro SD card (512 GB); FTP/SFTP; NAS
Web Browser	web5.0: IE 9 and later versions; Chrome 41 and later versions; Firefox 52 and later versions; Safari 10 and later versions
Client	IOS;Android
Interface	
Ethernet Interface	RJ-45 (10/100 Base-T)
Alarm I/O	2 input, 1 output
Audio I/O	1 input, 1 output
General	
Power	12V DC/ PoE+ (802.3at)
Power Consumption	Max. 25W
Material	Metal
Dimensions	194.2 mm × 160 mm × 311 mm (7.65" × 6.30" × 12.24")
Operating Conditions	-40 °F to +149 °F (-40 °C to +65°C)
Protection	IP66
Gross Weight	4.6 kg (10.14 lb)
Net Weight	3.1 kg (6.83 lb)
Certifications	FCC
Accessory included	LXKWM02

Dimensions (mm[inch])

mm [inch]



Accessory

Wall Mount LXKWM02 + LXJB06	Pandent Mount LX4L04+LXPD03	Pole Mount LXKWM02+LXPM02
		
Corner Mount LXKWM02 + LXCM01	Pole Mount(Horizontal) LX4L03+LX4L04+LXPM02	Parapet Mount LX4L04+LXPM06
		

Note: Use wireframe to show the connection between device and accessory.