4MP 10x Optical Zoom & 2x4MP Panoramic, Active Deterrence Smart Linkage Tracking PTZ

LXPTZIP3C84WI-X10SDL



Key Features

- Panorama: Outputs 180° wide-angle splicing image, max. 30 fps@8MP, Detail: 1/2.8" 4Megapixel STARVIS™ CMOS
- Powerful 10x optical
- Max. IR illumination distance: 230 ft, max. white light illumination distance: 100ft
- Sound and light alarm (red and blue lights)
- Auto Tracking (Human only)
- Smart Linkage Tracking (Human only)
- MD2.0
- VCA: Line Crossing, Intrusion, Abandoned Object, Parking Detection, Aggregate Detection, Missing Object, Loitering Detection, Crossing Virtual Fence
- X SEARCH
- Face detection
- Large-scale AI Model
- Built-in dual MICs and Speaker, support two-way talk
- Built-in Micro SD card slot, up to 512 GB
- Support Alarm and Audio interface
- 12VDC/PoE (802.3at)
- IP66

Specification

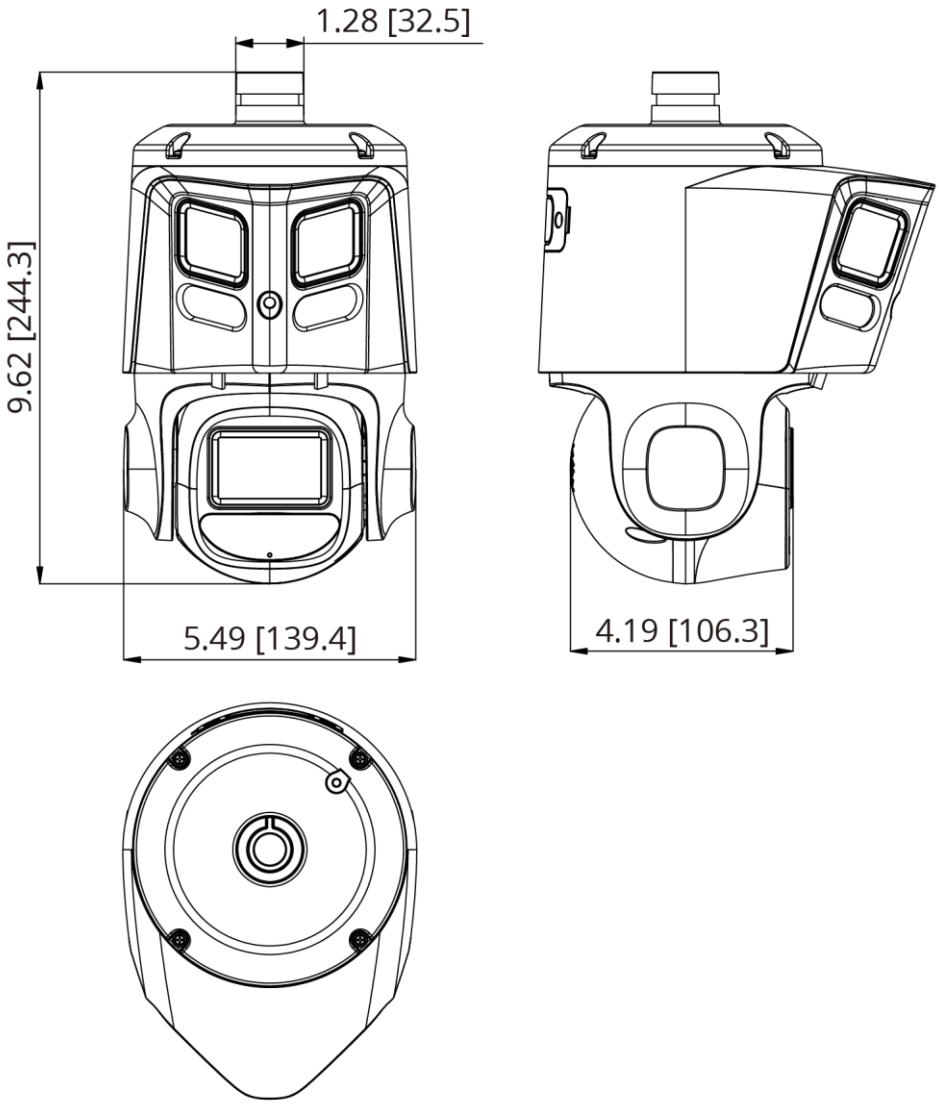
Panoramic Camera	
Image Sensor	Panorama/Detail: 1/2.8" CMOS
Max. Resolution	Panorama: 5376 (H) × 1520 (V), Detail: 2560 (H) × 1440 (V)
ROM	Panorama/Detail: 4GB
RAM	Panorama: 2GB, Detail: 1GB
E-shutter Speed	• Panorama: 1/1 s–1/100,000 s • Detail: 1/1 s–1/30,000 s
Min. Illumination	Panorama/Detail: • 0.005 lux@F1.6 (Color, 30 IRE) • 0.0005 lux@F1.6 (B/W, 30 IRE) • 0 lux (illuminator on)
Illumination Range	• Panorama:100 ft (30 m) (IR/White light) • Detail: ◇ 230 ft (70m) (IR light) ◇ 100 ft (30 m) (White light)
Illuminator Control	• Panorama: Manual, Auto, Off • Detail: Zoom Prio, Manual, Auto, Off
Illuminators	• Panorama: 2 (IR light), 2 (White light) • Detail: 2 (Dual light fusion), 2 (IR light)
Focal Length	Panorama: 2.8 mm, Detail: 4 mm–40 mm
Aperture	Panorama: F1.6, Detail: F1.6–F3.6
Field of View	• Panorama: H: 180°, V: 47° • Detail: H: 58°–11.3°, V: 33.1°–6.4°, D: 66.4°–12.8°
Zoom	Detail: 10x optical, 16x digital
Close Focus Range	Panorama: 1.97 ft (0.6 m), Detail: 0.33 ft–1.64 ft (0.1 m–0.5 m)
DORI	• Detect: 1640 ft (499.9 m) • Observe: 648 ft (197.5 m) • Recognize: 328 ft (100.0 m) • Identify: 164 ft (50.0 m)
Control Speed	Pan: 0.1°/s–80°/s, Tilt: 0.1°/s–50°/s
Power-off Memory	Supported
Day & Night	• Panorama: Auto, Color, B/W • Detail: Auto, Color, B/W, Electronic
Wide Dynamic Range	Panorama: DWDR, Detail: 120 dB
Noise Reduction	2D NR, 3D NR
S/N Ratio	≥ 55 dB
Video	
Video Compression	H.265, H.264, MJPEG (Sub Stream 1)

Video Stream	3 streams
Resolution	• Panorama: 5376 × 1520, 2688 × 752, 1080p (1920 × 1080), 720p (1280 × 720), 1344 × 368, D1 (704 × 576/704 × 480), CIF (352 × 288/352 × 240) • Detail: 2560 × 1440, 3MP (2304 × 1296), 1080p (1920 × 1080), 1280 × 960 (1.3MP), 720p (1280 × 720), D1 (704 × 576/704 × 480), CIF (352 × 288/352 × 240)
Frame Rate	• Panorama: ◇ Main stream: 5376 × 1520@ (1–25/30 fps) ◇ Sub stream 1: 1344 × 368/D1/VGA/CIF@ (1–25/30 fps) ◇ Sub stream 2: 2688 × 752/1080p/1.3MP/720p@ (1–25/30 fps); • Detail: ◇ Main stream: 4MP/3MP/1080p/1.3MP/720p@ (1–25/30 fps) ◇ Sub stream 1: D1/VGA/CIF@ (1–25/30 fps) ◇ Sub stream 2: 1080p/1.3MP/720p@ (1–25/30 fps)
Bit Rate Control	CBR, VBR
Image Enhancement	BLC, HLC, 2D NR, 3D NR
ROI	Supported
Image Stabilization	Electronic
Defog	Electronic
Image Rotation	180°
PTZ	
Range	Pan: 0° to 345° endless, Tilt: –10° to 90°
Pan Speed	• Manual Control: 0.1°/s–80°/s • Preset: 80°/s
Tilt Speed	• Manual Control: 0.1°/s–50°/s • Preset: 50°/s
Preset	300
Scheduled Task	Preset
Preset Freezing	Supported
3D Positioning	Supported
Intelligent Analysis	
MD2.0	Yes, support alarm triggered by vehicle and human
VCA	Line crossing, intrusion, abandoned object, parking detection, aggregate detection, missing object, loitering detection, crossing virtual fence
Face Detection	Supported
Auto Tracking	Supported(Human only)
Smart Linkage Tracking	Supported(Human only)
X SERACH	Supported
Large-scale AI Model	Supported
Audio	
Audio Compression	PCM, G.711a, G.711u, G.726, MPEG2-Layer2, G.722.1, G.729

Event	
Alarm Linkage	Capture, recording, send email, preset; tour, pattern, alarm digital output, audio, warning light
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, NFS
Interoperability	ONVIF (Profile S & Profile G & Profile T), CGI, SDK, P2P
Storage	Micro SD card (512 GB), FTP/SFTP, NAS
PC Client	X STATION
APP	Pro-X NEXT
Interface	
Network port	RJ-45 (100 Base-T)
Audio I/O	1 input, 1 output
Alarm I/O	1 input, 1 output
General	
Power	12 VDC/3 A PoE (802.3at)
Power Consumption	• Basic: 12 W • Max.: 25 W
Operating Conditions	–22 °F to +140 °F (–30 °C to +60 °C)
Protection Grade	IP66
Housing Material	Metal
Dimensions	5.52" × 7.45" × 9.62" (140.3 mm × 189.2 mm × 244.3 mm) (L × W × H)
Dimensions with Box	12.17” × 6.81” × 11.34” (309.0 mm × 173.0 mm × 288.0 mm) (L × W × H)
Net Weight	
Gross Weight	
Certification	FCC

Dimensions

inch [mm]



Bracket Selector

Wall Mount



LXWM09



LXKJB07

Vertical Pole Mount



LXKJB07



LXPM01



LXWM09

Ceiling Mount



LXPD03



LXCM01



LXCM09

Horizontal Pole Mount



LXPD03



LXPM02



LXCM09

Wall Mount	Ceiling Mount	Vertical Pole Mount	Horizontal Pole Mount
