12 MP Pro-X Panoramic Series

LXIP75122F-SE

Key Features

- Transmits up to 12 MP (4000 × 3000) @ 25 fps, and supports 8 MP (3280 × 2480) @ 30 fps

- 1/1.7" CMOS image sensor

- Min. Illumination 0.01 Lux @ f 2.0 (Color, 30 IRE), 0 Lux with IR light on

- Built-in IR LED, Matrix IR LED up to 33 feet

- Smart encoding H.264 / H.265

- MD 2.0: VCA, people counting and heat mapping

- Built-in dual mic and speaker, supporting two-way communication

- Support for alarm and audio interfaces

- Built-in Micro SD storage for cards up to 256 GB

- 12 VDC / PoE+ power supplies
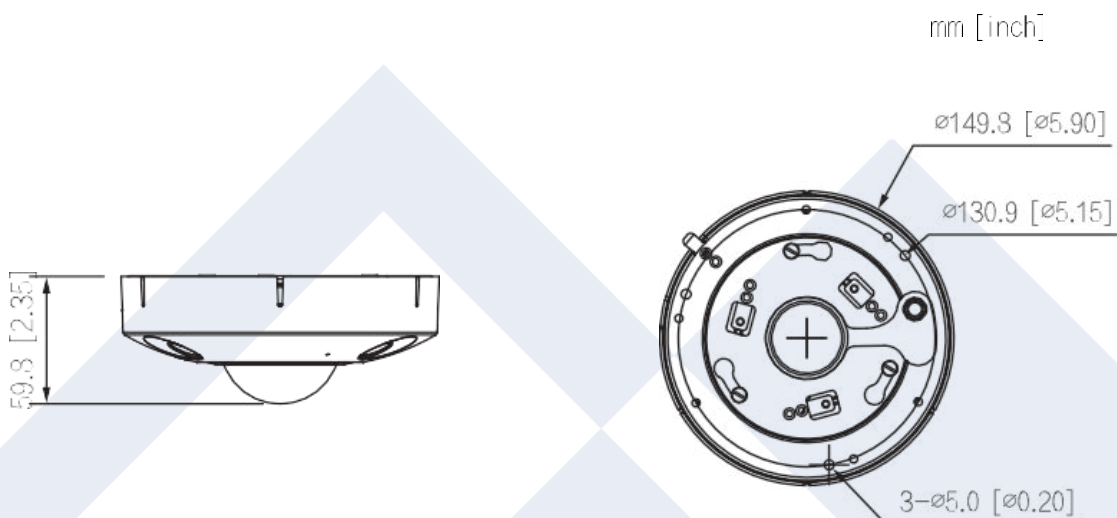
- IP67 and IK10 protections

Camera

Image Sensor	1/1.7" 12 MP progressive CMOS
Min. Illumination	0.01 Lux @ f 2.0 (Color, 30 IRE), 0.001 Lux @ f 2.0 (B&W, 30 IRE), 0 Lux with IR light on
Shutter Speed	Auto / Manual 1/3 - 1/100, 000 sec.
S/N Ratio	> 56 dB
Noise Reduction	3D NR
Wide Dynamic Range	DWDR
Day & Night	Auto (ICR) / Color / B&W
Lens Type	Fixed-focal length 1.85 mm @ f 2.0
Iris Type	Fixed
Field of View	Horizontal: 185°, Vertical: 180°
Close Focus Range	1.31 ft (0.4 m)
DORI	Detect: 131.23 ft (40.0 m), Observe: 52.49 ft (16.0 m), Recognize: 26.2 ft (8.0 m), Identify: 13.12 ft (4.0 m)
Illuminator	3 (IR LED)
Illumination Range	32.81 ft (10 m)
Illuminator Control	Auto / Manual

Video

Video Compression	H.264, H.264B, H.264H, H.265; MJPEG (only supported by sub stream)
Smart Codec	Supported
Resolutions	4000 × 3000, 3280 × 2480, 2880 × 2160), 3 MP (2048 × 1536), 1.3 MP (1280 × 960), D1 (704 × 576 / 704 × 480), CIF (352 × 288 / 352 × 240)
Video Frame Rates	Main stream: 4000 × 3000 @ 1 - 25 fps Sub stream: 704 × 576 @ 1 - 30 fps Third stream: 1280 × 960 @ 1 - 17 fps Fisheye mode: 1O (4000 × 3000), 1P (4096 × 1024), 2P (2432 × 2432), 1R (1216 × 1216), 2R (2432 × 2432), 4R (2432 × 2432), 1O+3R (2432 × 2432)
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rates	H.264: 8 Kbps - 16,384 Kbps H.265: 3 Kbps - 16,384 Kbps
Region of Interest (ROI)	Supported (4 areas)
Privacy Mask	Supported (4 areas)

Audio

Built-in Mic	Dual Mics Supported
Built-in Speaker	Supported
Audio Compression	PCM, G.711A, G.711Mu, G.726, G.723

Intelligent Analysis

VCA	Tripwire, intrusion (supports the classification and accurate detection of humans)
People Counting	Tripwire people counting and people counting in area, generating and exporting reports (by day / month / year)
Heat Mapping	Supported

Event Types

Alarm Events	No SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, motion detection, video tampering, voltage detection, security exception, tripwire, intrusion, scene changing, audio detection, external alarm, people counting in area, stay detection
Network	
Protocols	IPv4, IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP , RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, 802.1x
Interoperability	ONVIF(Profile S / Profile G / Profile T), API, P2P
Storage	FTP, SFTP, Micro SD Card (supports max. 256 G), NAS
Web Browsers	IE, Chrome, Firefox
Client	PRO-X, X-Station
Interface	
Audio I/O	1 channel (RCA port) in, 1 channel (RCA port) out
Alarm I/O	2 channels in: 5 mA, 3 - 5 VDC, 2 channels out: 1,000 mA, 30 VDC / 500 mA, 50 VDC
Network	RJ-45 (10/100/1000 Base-T)
General	
Power	12 VDC / PoE+, < 13.9 W
Housing	Metal
Dimensions	2.35 × Φ 5.90'' (59.8 × Φ 149.8 mm)
Operating Conditions	-40° to 140° F (-40° to 60° C)/less than 95% RH
Storage Conditions	-22° to 158° F (-30° to 70° C)
Protections	IP67, IK10
Net Weight	1.74 lb (0.79 kg)
Gross Weight	2.67 lb (1.21 kg)
Certifications	FCC

Dimensions (mm[inch])

mm [inch]

∅149.8 [∅5.90]

∅130.9 [∅5.15]

59.8 [2.35]

3-∅5.0 [∅0.20]

Accessory

LXJB04 Junction Box	LXKPD02 Pendant Mount	LXKJBWM04 Wall Mount