

4 MP Pro-X Lite Series

LXIP7142W-28M



Key Features

- Resolutions up to 4 MP (2688 × 1520) @ 20 fps or 4 MP (2560 × 1440) @ 30 fps
- 1/3" Starlight CMOS image sensor
- Min. illumination 0.008 Lux @ f1.6 (Color, 30 IRE), 0 Lux with IR light on
- Built-in IR LED, Matrix IR LED up to 98 feet
- Smart encoding H.264 / H.265
- 120 dB True WDR, 3D DNR, HLC, BLC
- Motion Detection: Intrusion, tripwire
- Built-in MicroSD card storage up to 256 GB
- 12 VDC / PoE power supply
- IP67 & IK10 protection ratings

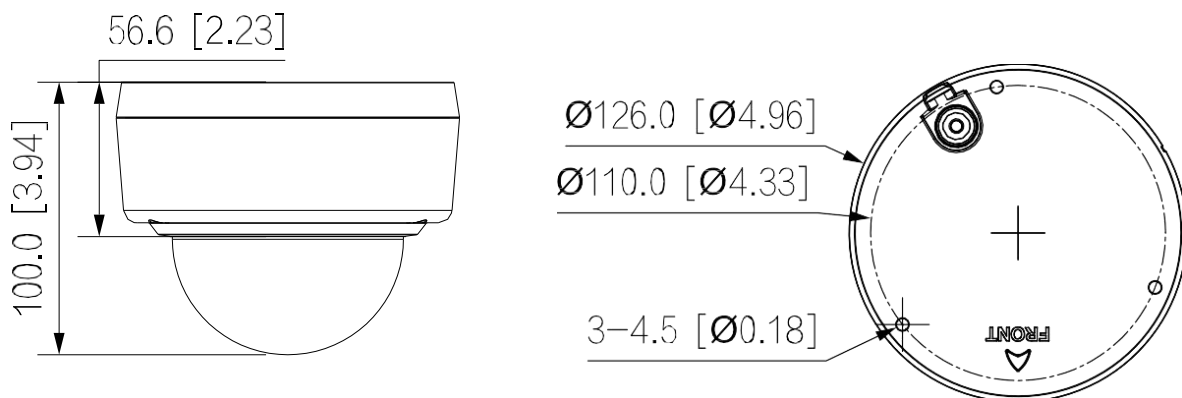
Specifications

LXIP7142W-28M

Camera	
Image Sensor	1/3" 4 MP progressive CMOS
Min. Illumination	0.008 Lux @ f1.6 (Color, 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	120 dB
Day & Night Imaging	Auto (ICR) / Color / B&W
Angle Adjustment	Pan: 0° - 355°, Tilt: 0° - 65°, Rotation: 0° - 355°
Lens Type	Fixed-focal, 2.8 mm @ f1.6
Iris Type	Fixed
Field of View	Horizontal:102°, Vertical: 55°, Diagonal: 121°
Close Focus Range	2.95 ft (0.9 m)
DORI	Detect: 183.7 ft (56.0 m) , Observe: 73.5 ft (22.4 m) , Recognize: 36.8 ft (11.2 m), Identify: 18.4 ft (5.6 m)
Illuminator	3 (IR LED)
Illumination Range	98.43 ft (30 m)
Illuminator Control	Auto / Manual
Video	
Video Compression	MJPEG (only supported by sub stream), H.264, H.264B, H.265
Smart Codec	Supported
Resolutions	4 MP (2688 × 1520), 4 MP (2560 × 1440), 3 MP (2304 × 1296), 1080p (1920 × 1080), 1.3 MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
Video Frame Rates	Main stream: 2688 × 1520 @ 1 - 20 fps, 2560 × 1440 @ 1 - 30 fps Sub stream: 704 × 576 @ 1 - 25 fps, 704 × 480 @ 1 - 30 fps
Video Stream	2 streams
Bit Rate Control	CBR, VBR
Video Bit Rates	H.264: 32 Kbps - 6,144 Kbps H.265: 12 Kbps - 6,144 Kbps
ROI	Supported (4 areas)
Image Rotation	0° / 90° / 180° / 270° (supports 90° / 270° with 2688 × 1520 resolution or lower)
Mirror	Supported
Privacy Mask	Supported (4 areas)
Event Types	
MD	Tripwire, intrusion
Alarm event	No SD card, SD card full, SD card error, network disconnection, IP conflict, motion detection, video tampering, tripwire, intrusion, illegal access, voltage detection, security exceptions / anomalies
Network	
Protocols	IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP , RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, Bonjour
Interoperability	ONVIF (Profile S / Profile G / Profile T), API, P2P
Storage	FTP, SFTP, MicroSD Card (supports up to 256 GB), NAS
Web Browsers	IE, Chrome, Firefox

Client	PRO-X, X Station
Interface	
Network	RJ-45 (10/100 Base-T)
General	
Power	12 VDC / PoE (802.3 af), < 5.2 W
Housing	Metal
Dimensions	3.94 × Φ 4.96" (100.0 × Φ 126.0 mm)
Operating Conditions	-40° to 140° F (-40° to 60° C), less than 95% RH
Storage Conditions	-40° to 140° F (-40° to 60° C)
Protections	IP67, IK10
Net Weight	1.2 lb (0.56 kg)
Gross Weight	1.6 lb (0.72 kg)
Certifications	FCC

Dimensions (mm[inch])



Accessories

LXJB02 Junction Box	LXWM01 Wall Mount	LXPM01 Vertical Pole Mount	LXPM02 Horizontal Pole Mount	LXKPD01 Pendant Mount	LXCM01 Corner Mount
					