8MP Smart Dual Light Dome Network Camera

LXIP7C82WI-28MDA

Key Features

- Outputs max. 8MP (3840 × 2160) @30fps
- 1/1.8' CMOS image sensor
- Min. Illumination 0.0008 Lux @ F1.4 (Color, 30 IRE), 0 Lux with illuminator on
- Smart Dual Light configuration with built-in IR LED & warm light LED, Matrix illuminator distance up to 98ft
- 120dB True WDR, 3D DNR, HLC, BLC
- MD2.0 focus on human & vehicle
- Intelligent Analysis: VCA, Face Detection, People Counting, Video Metadata, Heat Map etc
- X Search
- Built-in MIC
- Support Alarm and Audio in & out interface
- Built-in Micro SD card slot, up to 512 GB
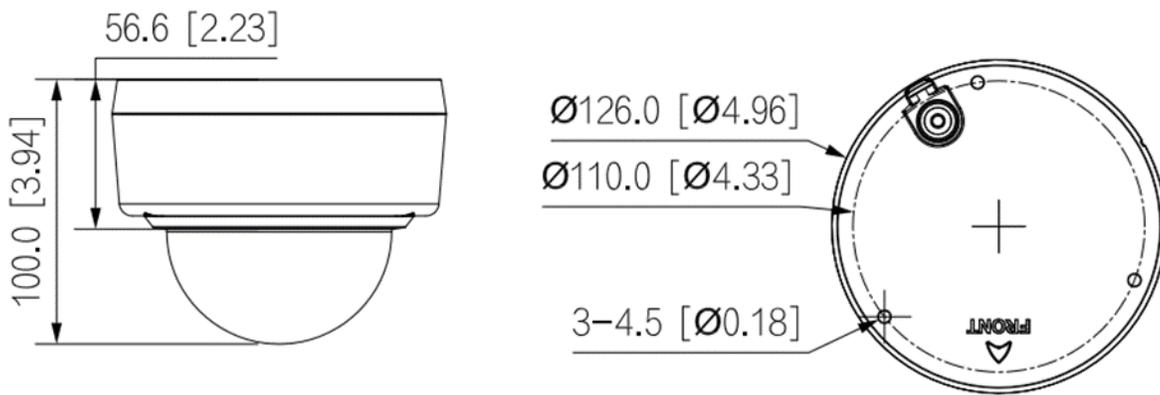- 12 VDC/PoE+, X-POE
- IK10, IP67 protection

Specification

Camera

Image Sensor	1/1.8" 8Megapixel progressive CMOS
Min. Illumination	0.0008 Lux @ F1.4 (Color, 30 IRE), 0.0005 Lux@F1.4 (B/W, 30 IRE) , 0 Lux with illuminator on
Shutter	Auto/Manual 1/3 s-1/100, 000 s
S/N Ratio	> 50 dB
Noise Reduction	3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto(ICR)/Color/B/W
Angle Adjustment	Pan: 0°-355°, Tilt: 0°-80°, Rotation: 0°-355°
Lens Type	Fixed-focal 2.8mm@F1.4
Iris Type	Fixed
Field of View	Horizontal: 110°, Vertical: 57°, Diagonal: 134˚
Close Focus Range	1.9 m (6.23ft)
DORI	Detect: 98.9m(324.15ft), Observe: 39.6 m(129.92ft), Recognize: 19.8 m(64.96ft), Identify: 9.9 m(32.48ft)
Illuminator	2 (IR LED), 2 (warm light), Support Smart Dual Light
Illumination Range	IR: Up to 30 m (98.43ft) , Warm light: Up to 30 m (98.43ft)
Illuminator Control	Auto/Manual

Video

Video Compression	H.265, H.264, MJPEG (Only supported by the sub stream)
Smart Codec	Yes
Resolution	8M (3840 × 2160), 6M (3072 × 2048), 5M (3072 × 1728/2592 × 1944), 4M (2688 × 1520), 3.6M (2560 × 1440), 3M (2048 × 1536), 2M(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	Main stream: 3840 × 2160@(1 fps- 30 fps) Sub stream: D1@(1 fps- 30 fps) Third stream: 1080p@(1 fps- 30 fps)
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 32kbps~16384kbps H.265: 12kbps ~13568kbps
ROI	Supported (4 areas)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 4M resolution and lower)
Mirror	Supported
Privacy Mask	Supported (4 areas)
Defog	Supported

Audio

Built-in MIC	Yes
Audio Compression	G.711a, G.711Mu, PCM

Intelligent Analysis

VCA (Perimeter Protection)	Tripwire, intrusion (Support the classification and accurate detection of vehicle and human)
MD2.0	Yes, support alarm triggered by vehicle and human
Face Detection	Face detection, snapshot, face attributes extraction including 6 attributes and 8 expressions
Heat Map	Supported
People Counting	Tripwire people counting and people counting in area, generating and exporting report (day/ month/year)

X Search	Supported
Video Metadata	Supported
Object Monitoring	Supported
Event	
Alarm Event	No SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, motion detection, video tampering, tripwire, intrusion, abandoned object, missing object, loitering detection, people gathering, scene changing, audio detection, voltage detection, external alarm, face detection, IMD, security exception, people detection, area people counting, stay alarm, people counting, people number exception detection
Network	
Protocol	IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP,RTSP, RTMP, SNMP, FTP, SFTP ,NAS, DHCP,DNS DDNS, QoS, UPnP, NTP , NFS, PPPoE, SMTP, 802.1x
Interoperability	ONVIF (Profile S & Profile G & Profile T), API, SDK
Storage	FTP, SFTP, Micro SD Card (support max. 256 G), NAS
Web Browser	Chrome, Firefox
PC Client	X Staton
APP	Pro-X next
Interface	
Audio I/O	1 Input, 1 Output
Alarm I/O	1 Input (Max. 5 VDC, 5 mA), 1 Output (Max. 12 VDC, 300 mA)
Network	RJ-45 (10/100 Base-T)
General	
Power	12 VDC / PoE+ (802.3af) / X-PoE
Power Consumption	12 VDC: Max 8.1W, Typical 4.1W / PoE: Max 9.8W, Typical 5.2W
Housing	Metal
Dimensions	Φ126.0mm × 100.0mm (Φ4.96" × 3.94")
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than 95% RH, non-condensing
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IK10, IP67
Net Weight	0.56 kg (1.20lb)
Gross Weight	0.72 kg (1.60lb)
Certification	FCC

Dimensions (mm[inch])

mm [inch]

56.6 [2.23]

100.0 [3.94]

Ø126.0 [Ø4.96]
Ø110.0 [Ø4.33]

3-4.5 [Ø0.18]

FRONT

Accessories

LXJB02	LXWM01	LXWM01/LXPM01	LXKPD01/LXPM02	LXKPD01	LXKPD01(01)/LXKWM02/LXCM01
Junction Box	Wall Mount	Vertical Pole Mount	Horizontal Pole Mount	Pendant Mount	Corner Mount