

12 MP Smart Dual-Light Dome Network Camera

LXIP7C122WI-28SD

Previously known as:

LXIP7C122WI-28MDA

Key Features

- Outputs up to 12 MP (4512 × 2512) @ 15 fps
- 1/2.5" CMOS image sensor
- Min. Illumination 0.0085 Lux @ f 1.6
- Built-in IR and warm supplemental light Matrix LED range up to 98.43 ft
- Smart encoding H.264/ H .265
- HDR, 3D DNR, HLC, BLC
- MD 2.0 focuses on humans & vehicles
- Intelligent Detections: VCA, video metadata, face detection, people counting, and more
- Alarm Channels: 1 in, 1 out | Audio Channels: 1 in, 1 out
- Built-in MicroSD slot for cards up to 512 GB
- 12V DC / PoE power supply, S-POE
- IP67, IK10 protections



Specifications

LXIP7C122WI-28MDA

Camera	
Image Sensor	1/2.5" 8-Megapixel progressive CMOS
Min. Illumination	0.0085 Lux @ f 1.6
Shutter Speed	Auto / Manual 1/3 - 1/100, 000 sec.
S/N Ratio	> 50 dB
Noise Reduction	3D NR
Wide Dynamic Range	HDR
Day & Night	Color / B&W
Angle Adjustment	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 355°
Lens Type	Fixed-focal 2.8 mm @ f 1.6
Iris Type	Fixed
Field of View	Horizontal: 112°, Vertical: 58°, Diagonal: 139°
Close Focus Range	5.91 ft (1.8 m)
DORI	Detect: 324.15 ft (98.9 m), Observe: 129.92 ft (39.6 m), Recognize: 64.96 ft (19.8 m), Identify: 32.48 ft (9.9 m)
Supplemental Lighting	2 warm, visible-light LEDs and 2 IR LEDs)
Suppl. Light Range	98.43 ft (30 m)
Suppl. Light Control	Auto/Manual
Video	
Video Compression	H.264, H.265, MJPEG (only supported by sub stream)
Smart Codec	Supported
Resolutions	11.3 MP (4512 × 2512), 8 MP (3840 × 2160), 6 MP (3072 × 2048), 5 MP (3072 × 1728/2592 × 1944), 4 MP (2688 × 1520), 3.6 MP (2560 × 1440), 3 MP (2048 × 1536), 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: 4512 × 2512 @ 1 - 15 fps Sub stream: D1 @ 1 - 15 fps Third stream: 1920 × 1080 @ 1 - 15 fps
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 192 Kbps to 14336 Kbps H.265: 192 Kbps to 14,336 Kbps
ROI	Supported (4 areas)
Image Rotation	0° / 90° / 180° / 270° (Supports 90° / 270° with 2688 × 1520 resolution or less)
Mirror	Supported
Privacy Mask	Supported (4 areas)
Event Types	
VCA's	Tripwire, intrusion, fast-moving (support the classification and accurate detection of vehicles and humans); Loitering detection, people gathering, and parking detection
MD 2.0	Supported
Face Detection	Face detection, snapshot, face attributes extraction including 6 attributes and 8 expressions
People Counting	Tripwire-based and area-based people counting; generating and exporting reports (daily / monthly / annually)
Heat Map	Supported
Video Metadata	Motor vehicle, non-motor vehicle, face, and human body detections Extraction of motor vehicle and non-motor vehicle attributes: Extracts 6 attributes for motor vehicles and 6 attributes for non-motor vehicles. Extraction of face and human body attributes: Extracts 6 attributes for faces and 8 attributes for human bodies
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, fast movement, abandoned object, missing object, loitering detection, people gathering, scene changing, audio detection, external alarm, face detection, IMD,

	area-based people counting, lingering alarm, people counting / number detections
Network	
Protocols	IPv4, IPv6, HTTP, TCP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DDNS, QoS, UpnP, NTP, Multicast, NFS, PPPoE, SNMP, P2P
Interoperability	ONVIF (Profile S / Profile G / Profile T), CGI
Storage	FTP, SFTP, MicroSD Card (supports up to 512 GB), NAS
Web Browsers	IE, Chrome, Firefox, Safari
Client	X-Station, Pro-X Mobile App
Interface	
Audio Channels I/O	1 channel (RCA port) in, 1 channel (RCA port) out
Alarm Channels I/O	1 channel in: 5 mA, 3 - 5 V DC, 1 channel out: 300 mA, 12 V DC
Network	RJ-45 (10/100 Base-T)
General	
Power	12V DC / PoE (802.3af) / S-POE, < 13 W
Housing	Metal
Dimensions	3.94 × Φ 4.96" (100.0 × Φ 126.0 mm)
Operating Conditions	-40° to 131° F (-40° to 55° C) / less than 95% RH
Storage Conditions	-40° to 140° F (-40° to 60° C)
Protection Ratings	IP67, IK10
Net Weight	1.2 lb (0.56 kg)
Gross Weight	1.6 lb (0.72 kg)
Certifications	FCC

Dimensions (mm[inch])

mm [inch]

