

## *12 MP Smart Dual Light Dome Network Camera*

# 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 LED Matrix, ranging up to 98.43 ft
- Smart encoding H.265 / H.264
- HDR, 3D DNR, HLC, BLC
- MD 2.0 focuses on human & vehicle
- Intelligent Detection: VCA, video metadata, face detection, people counting, etc.
- Alarm: 1 in, 1 out; audio: 1 in, 1 out
- Built-in MicroSD card slot, up to 512 GB
- 12V DC / PoE power supply, S-POE
- IP67, IK10 protection



# Specifications

LXIP7C122WI-28MDA

Camera	
Image Sensor	1/2.5" 8 Megapixel progressive CMOS
Min. Illumination	0.0085 Lux @ f 1.6
Shutter	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	4 (2 warm LEDs and 2 IR LEDs)
Supplemental Light Range	98.43 ft (30 m)
Supplemental Light Control	Auto / Manual
Video	
Video Compression	H.265, H.264, MJPEG (only supported by sub stream)
Smart Codec	Supported
Resolution	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 fps - 15 fps) Sub stream: D1 @ (1 fps - 15 fps) Third stream: 1920 × 1080 @ (1 fps - 15 fps)
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rates	H.264: 192 kbps - 14336 kbps H.265: 192 kbps - 14336 kbps
ROI	Supported (4 areas)
Image Rotation	0° / 90° / 180° / 270° (Supports 90° / 270° with 2688 × 1520 resolution and lower)
Mirror	Supported
Privacy Mask	Supported (4 areas)
Event Types	
VCA	Tripwire, intrusion, fast-moving (Support the classification and accurate detection of vehicle and human); 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 people counting and people counting in area, generating and exporting report (day / month / year)
Heat Map	Supported
Video Metadata	Motor vehicle, non-motor vehicle, face, and human body detection Extraction of motor vehicle and non-motor vehicle attributes: extracts 6 attributes for motor vehicle and 6 attributes for non-motor vehicle. Extraction of face and human body attributes: extracts 6 attributes for face and 8 attributes for human body
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 moving, abandoned object, missing object, loitering detection, people gathering, scene changing, audio detection, external alarm, face detection, IMD, area people counting, stay alarm, people counting, people number exception detection

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
Clients	X-Station, Pro-X Mobile App
Interface	
Audio I/O	1 channel (RCA port) in, 1 channel (RCA port) out
Alarm I/O	1 channel in: 5 mA, 3 - 5V DC, 1 channel out: 300 mA, 12V DC
Network	RJ-45 (10/100 Base-T)
General	
Power	12V DC / PoE (802.3af) / S-POE, < 13 W
Housing	Metal
Dimensions	3.94" x $\Phi$ 4.96" (100.0 x $\Phi$ 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)
Protection Grade	IP67, IK10
Net Weight	1.2 lb (0.56 kg)
Gross Weight	1.6 lb (0.72 kg)
Certification	FCC

## Dimensions (mm [inch])

mm [inch]

