12MP Smart Dual Light Turret Network Camera

LXIP3C122WI-28MDA

Key Features

- Outputs max. 12MP (4512×2512) @15fps
- 1/2.5" CMOS image sensor
- Min. Illumination 0.0085 Lux @ F1.6
- Built-in IR and warm light LED, Matrix distance up to 98.43ft
- 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.
- Built-in MIC
- Alarm: 1 in, 1 out; audio: 1 in, 1 out
- Built-in Micro SD card slot, up to 512GB
- 12V DC/PoE power supply, S-POE
- IP67 protection

Specification

Camera

Image Sensor	1/2.5"12 Megapixel progressive CMOS
Min. Illumination	0.0085 Lux @ F1.6
Shutter	Auto/Manual 1/3 s–1/100, 000 s
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°–360°
Lens Type	Fixed-focal 2.8mm@F1.6
Iris Type	Fixed
Field of View	Horizontal:112°, Vertical: 58°, Diagonal: 139°
Close Focus Range	1.8 m (5.91 ft)
DORI	Detect: 98.9m(324.15 ft), Observe: 39.6 m(129.92 ft), Recognize: 19.8 m(64.96 ft), Identify: 9.9 m(32.48 ft)
Illuminator	4 (2 warm LEDs and 2 IR LEDs)
Illumination Range	30 m (98.43 ft)
Illuminator Control	Auto/Manual

Video

Video Compression	H.265, H.264, MJPEG(only supported by sub stream)
Smart Codec	Supported
Resolution	11.3M (4512 × 2512), 8M (3840 x 2160), 6M (3072 × 2048), 5M (3072 × 1728/2592× 1944), 4M (2688 × 1520), 3.6M (2560 x 1440), 3M (2048 × 1536), 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: 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 Rate	H.264: 192 kbps–14336 kbps; H.265: 192 kbps–14336 kbps
ROI	Supported (4 areas)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower.)
Mirror	Supported
Privacy Mask	Supported (4 areas)

Event

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 Event	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	
Protocol	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, Micro SD Card (support max. 512GB), NAS
Web Browser	IE, Chrome, Firefox, Safari
Client	X-Station, Pro-X Mobile App
Interface	
Built-in MIC	Supported
Audio I/O	1 channel (RCA port) in, 1 channel (RCA port) out
Alarm I/O	1 channel in: 5mA 3V–5VDC, 1 channel out: 300mA 12VDC
Network	RJ-45 (10/100 Base-T)
General	
Power	12V DC/PoE (802.3af)/S-POE, < 13W
Housing	Metal + Plastic
Dimensions	Φ142.0 mm × 136.0mm (Φ5.61" × 5.35")
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than 95% RH
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67
Net Weight	0.77 kg (1.7 lb)
Gross Weight	0.94 kg (2.1 lb)
Certification	FCC

Dimensions (mm[inch])

mm [inch]

136.0 [5.35]

Ø142.0 [Ø5.61]
Ø130.0 [Ø5.12]
Ø4.5 [Ø0.18]