LXIP7553W4-SZ12

Four x 5 MP Panoramic Dome Network Camera



Key Features

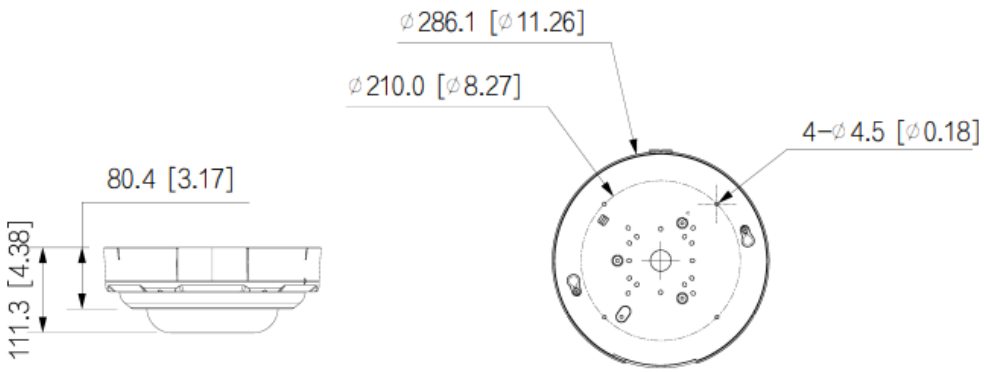
- 4-channel output stream; each channel sends up to 5 MP (2592 x 1944) @ 30 fps
- Four 5 MP 1/2.7” CMOS image sensor
- Built-in IR LED, Matrix IR LED up to 98 ft
- Smart encoding H.264 / H.265
- Smart perimeter protection via AI algorithm
- Face Detection
- People Counting
- Support for integrating all 4 channels into a single stream
- Alarm channels: 3 in, 2 out
- Audio channels: 1 in, 1 out (RS485 connection)
- Built-in MicroSD card slot for cards up to 256 GB
- 12V DC / PoE+ power supply
- IP67 and IK10 protection

Specifications

Camera	
Image Sensor	Four 1/2.7” 5-Megapixel progressive CMOS
Min. Illumination	0.005 Lux @ f 1.7 (Color, 30 IRE) 0.0005 Lux @f F1.7 (B/W, 30 IRE) 0 Lux with supplemental light on
Shutter Speed	Auto / Manual, 1/3 - 1/100,000 sec.
S/N Ratio	> 56 dB
Noise Reduction	3D NR
Wide Dynamic Range	DWDR
Day & Night Switching	Auto (ICR) / Color / B&W
Angle Adjustment	Pan: 0° - 360° Tilt: 0° - 75° Rotation: 0° - 355°
Lens Type	Motorized vari-focal 2.8 - 12 mm
Iris Type	Fixed
Field of View	Horizontal: 100° - 42°, Vertical: 74° - 32°, Diagonal: 133° - 53°
Close Focus Range	2.62 ft (0.8 m)
DORI Ranges	Detect: 216.54 - 460.63 ft (66.0 - 140.4 m), Observe: 86.61 - 184.06 ft (26.4 - 56.1 m), Recognize: 43.31 - 94.49 ft (13.2 - 28.8 m), Identify: 21.65 - 45.93 ft (6.6 - 14 m)
Supplemental Lighting	8 IR LEDs
IR Illumination Range	98.43 ft (30 m)
IR Control	Auto / Manual
Video	
Video Compressions	H.264, H.264H, H.264B, H.265, MJPEG (only supported by sub stream)
Smart Codec	Supported
Resolutions	Single Stream: 5 MP (2592 × 1944), 4 MP (2560 × 1440), 3 MP (2304 × 1296 / 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) Consolidated Stream: 8 MP (3296 × 2472), 5 MP (2592 × 1944), UXGA (1600 × 1200), 1080 (1920 × 1080), 1.3 MP (1280 × 960), D1 (704 × 576 / 704 × 480), VGA (640 × 480), CIF (352 × 288 / 352 × 240)
Video Frame Rates	Single Stream: Main stream: 2592 × 1944 @ 30 fps Sub stream: 704 × 576 @ 25 fps, 704 × 480 @ 30 fps Third stream: 1920 × 1080 @ 30 fps Merged Stream: Main stream: 1600 × 1200 @ 30 fps Sub stream: 704 × 576 @ 25 fps, 704 × 480 @ 30 fps Third stream: 3296 × 2472 @ 30 fps
Video Streams	3
Bit Rate Control	CBR, VBR
Video Bit Rates	H.264: 32 kbps - 17,152 kbps H.265: 12 kbps - 10,240 kbps
ROI	Supported (4 areas)
Image Rotation	Supported
Mirror	Supported
Privacy Mask	Supported (8 areas)

Event Types	
Perimeter Protection	Tripwire, intrusion, fast movement (supports classification and accurate detection of vehicles and humans), loitering detection, people gathering, parking detection
Face Detection	Face detection, attribute extraction including 6 attributes (gender, age, glasses, expressions, mask, and beard) and 8 expressions (angry, sad, disgusted, scared, surprised, calm, happy, confused)
People Counting	Tripwire people counting, people counting in area and queue management
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, parking detection, scene changing, audio detection, external alarm, face detection, people counting in area, stay detection, abnormal number of people, people counting, people remaining past specified time limit
Network	
Protocols	IPv4, IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP , RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP; NTP, Multicast, ICMP, IGMP, NFS, PPPoE, 802.1x
Interoperability	ONVIF (Profile S / Profile G / Profile T), API, P2P
Storage	FTP, SFTP, Micro SD Card (supports up to 256 GB), NAS
Web Browsers	IE, Chrome, Firefox
Clients	X-Station, Pro-X mobile app
Interface	
RS485	1 channel (baud rate range: 1,200 bps - 115,200 bps)
Audio Channels I/O	1 channel (RCA port) in, 1 channel (RCA port) out
Alarm Channels I/O	3 channels in: 5 mA, 3 - 5V DC 2 channels out: 300 mA, 12V DC
Network	RJ-45 (10/100/1000 Base-T)
General	
Power	12V DC / PoE+ (802.3 at), < 24.7 W
Housing	Metal + plastic
Dimensions	4.38 × Φ11.26'' (111.3 × Φ286.1 mm)
Operating Conditions	-22° to 140° F (-30° to 60° C) / less than 95% RH
Storage Conditions	-22° to 140° F (-30° to 60° C)
Protection Ratings	IP67, IK10
Net Weight	6.06 lb (2.75 kg)
Gross Weight	9.92 lb (4.5 kg)
Certification	FCC

Dimensions (mm[inch])





Model:

LXIP7553W4-SZ12

Note: LX4L03 and LX4L04 are available at no additional cost with the purchase of this camera. They must be ordered separately and are not included in the camera packaging.

Wall Mount


LX4L03


LX4L04


LXWM07

Pendant Mount


LX4L03


LX4L04


LXPD03

Parapet Mount


LX4L03


LX4L04


LXPM06

Pole Mount


LX4L03


LX4L04


LXWM07


LXPM02

Corner Mount


LX4L03


LX4L04


LXWM07


LXCM01