

4MP Pro-X Intelligent Vari-focal Series

LXIP7743W-SDZ



Key Features

- Outputs max. 4MP (2688×1520) @30fps
- 1/3" Starlight CMOS image sensor
- Min. Illumination 0.005 Lux@F1.5 (Color, 30IRE), 0 Lux with IR Light on
- Built-in IR LED, Matrix IR LED up to 131ft
- Smart encoding H.265/H.264
- 120dB True WDR, 3D DNR, HLC, BLC
- MD 2.0 focus on human & vehicle
- Smart VCA by AI algorithm
- Built-in Micro SD card slot, up to 256 GB
- Support Alarm and Audio interface
- 12V DC/POE power supply
- IP67 protection, IK10 protection

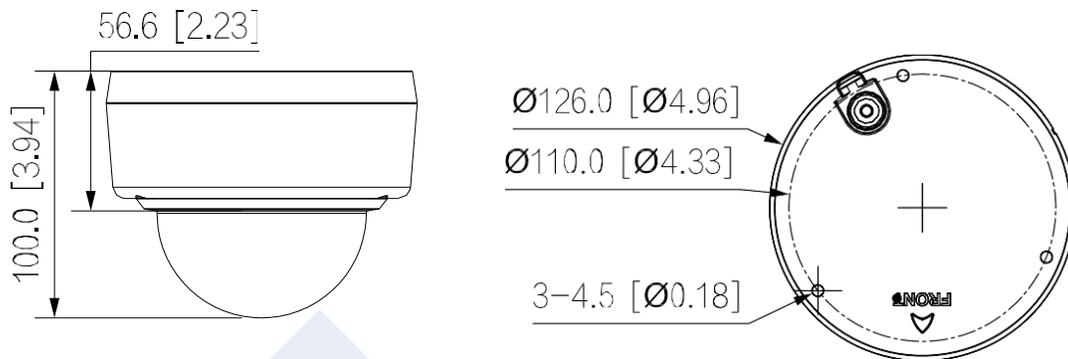
Specification

LXIP7743W-SDZ

| Camera | |
|----------------------|---|
| Image Sensor | 1/3"4Megapixel progressive CMOS |
| Min. Illumination | 0.005 Lux@F1.5 (Color, 30IRE), 0.0005 Lux@F1.5 (B/W, 30IRE), 0 Lux (Illuminator on) |
| Shutter | Auto/Manual 1/3 s-1/100, 000 s |
| S/N Ratio | > 56 dB |
| Noise Reduction | 3D DNR |
| Wide Dynamic Range | 120 dB |
| Day & Night | Auto(ICR)/Color/B/W |
| Angle Adjustment | Pan: 0°-355°, Tilt: 0°-75°, Rotation: 0°-355° |
| Lens Type | Motorized vari-focal 2.7 mm-13.5 mm@F1.5 |
| Iris Type | Fixed |
| Field of View | Horizontal: 104°-27°, Vertical: 55°-15°, Diagonal: 124°-31° |
| Close Focus Range | 0.8 m (2.6 ft) |
| DORI | W: Detect: 64.0 m (210.0ft) , Observe: 25.6 m (84.0ft) , Recognize: 12.8 m (42.0ft), Identify: 6.4 m (21.0ft), T: Detect: 222.0 m (728.3ft), Observe: 88.8m (291.3ft), Recognize: 44.4 m (145.7ft), Identify: 22.2 m (72.8ft) |
| Illuminator | 2 (IR LED) |
| Illumination Range | 40 m (131.23 ft) |
| Illuminator Control | Auto/Manual |
| Video | |
| Video Compression | H.265, H.264, H.264H, H.264B, MJPEG(only supported by sub stream) |
| Smart Codec | Supported |
| Resolution | 4M (2688 × 1520), 3M (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 2688 × 1520 @ (1-30 fps), Sub stream 704 × 576 @ (1-25 fps) / 704 × 480 @ (1-30 fps), Third stream 1280 × 720 @ (1-30 fps) |
| Video Stream | 3 streams |
| Bit Rate Control | CBR, VBR |
| Video Bit Rate | H.264: 3 kbps - 8192 kbps, H.265: 3 kbps - 8192 kbps |
| ROI | Supported (4 areas) |
| Image Rotation | 0°/90°/180°/270° (Support 90°/270° with 1920 × 1080 resolution and lower.) |
| Mirror | Supported |
| Privacy Mask | Supported (4 areas) |
| Audio | |
| Audio Compression | G.711a, G.711Mu, G726 |
| Intelligent Analysis | |
| VCA | Tripwire, intrusion (Support the classification and accurate detection of vehicle and human) |
| MD 2.0 | Yes, support alarm triggered by vehicle and human |
| Event | |
| Alarm event | No SD card, SD card full, SD card error, less service time of SD card (smart card supports), network disconnection, IP conflict, illegal access, voltage detection, security exception, motion detection, video tampering, scene changing, input abnormal, intensity change, tripwire, intrusion, IMD |
| Network | |

| | |
|----------------------|---|
| Protocol | IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, SNMP |
| Interoperability | ONVIF(Profile S/Profile G/Profile T), API, P2P |
| Storage | FTP, SFTP, Micro SD Card (support max. 256 G), NAS |
| Web Browser | IE: IE8, IE9, IE11, Chrome, Firefox |
| Client | PRO-X, X Station |
| Interface | |
| Network | RJ-45 (10/100 Base-T) |
| Audio I/O | 1-channel (RCA port) audio input, 1-channel (RCA port) audio output |
| Alarm I/O | 1-channel alarm input: 5mA 3V-5V DC, 1-channel alarm out: 300mA 12V DC |
| General | |
| Power | 12V DC/PoE (802.3af), < 8.5W |
| Housing | Metal |
| Dimensions | 100.0 mm × Ø126.0 mm (3.94" × Ø4.96") |
| Operating Conditions | -30°C to +60°C (-22°F to +140°F)/less than 95% |
| Storage Conditions | -40°C to +60°C (-40°F to +140°F) |
| Protection Grade | IP67, IK10 |
| Net Weight | 0.60 kg (1.3lb) |
| Gross Weight | 0.77 kg (1.7lb) |
| Certification | FCC |

Dimensions (mm[inch])



Accessory

| LXJB02 Junction Box | LXWM01 Wall Mount | LXPM02 Vertical Pole Mount | LXPM02 Horizontal Pole Mount | LXKPD01 Pendant Mount | LXCM01 Corner Mount |
|---|---|---|---|---|---|
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