

LEGEND_{NX}

LGNXD05IQWA

5.1 MP Dome Network Camera With IQ, Motorized Lens

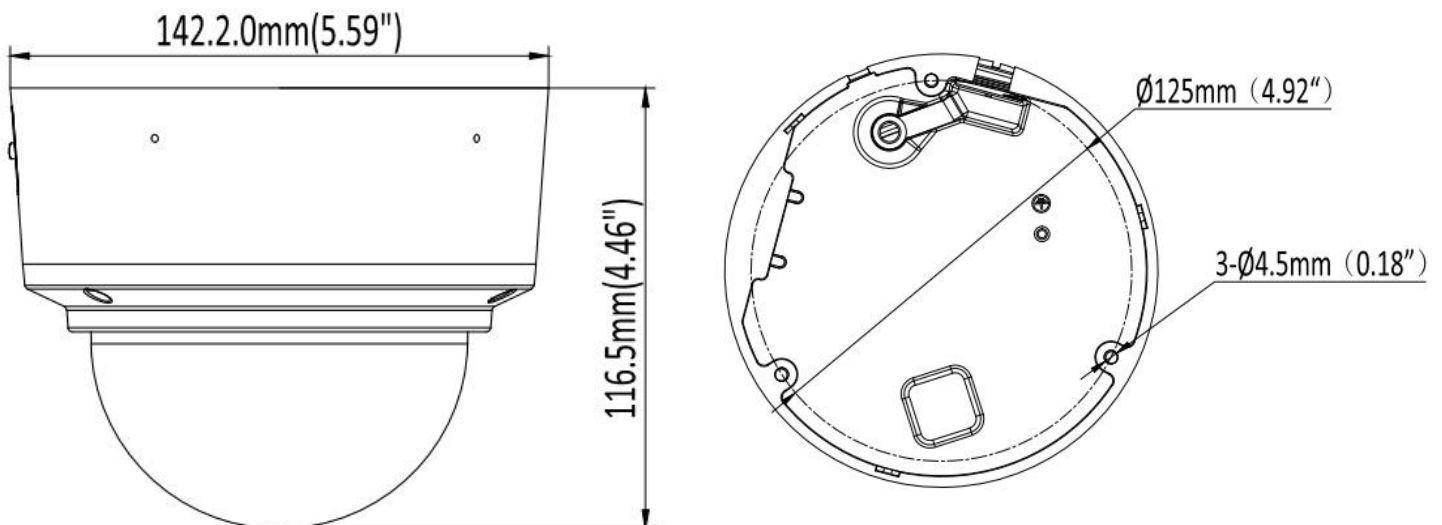
- 5MP High-Resolution Imaging
- High IQ: Extreme AI Analytics
- 120 dB true WDR Technology
- Improve human and vehicle classification using deep learning
- Water and dust resistant (IP67)
- Vandal Proof (IK10)
- Built-in microphone, audio and alarm interface
- Advanced H.265+ Compression



In short

This 5MP high-resolution surveillance camera featuring extreme AI analytics and a motorized varifocal lens for quick remote zoom and focus adjustments. It includes 120 dB true WDR, deep learning for enhanced human and vehicle classification, IP67 water and dust resistance, IK10 vandal protection, built-in microphone with audio and alarm interface, and advanced H.265+ compression.

Dimensions



*Design and specifications are subjects to change without notice.

Technical Specifications

| Camera: LGNXDO5IQWA | | | | |
|-----------------------------|--|------------|-----------|----------|
| Image Sensor | 1/2.7" Progressive Scan CMOS Sensor | | | |
| Minimum Illumination | Color: 0.006 Lux (F1.6 , AGC ON) , 0 Lux with light | | | |
| Illumination Distance | 50m / 164.04ft (IR light) | | | |
| Strobe Light | Supported | | | |
| Smart IR | Supported | | | |
| Pan / Tilt / Rotation Range | Pan: 0° ~ 355° Tilt: 0° ~ 75° Rotation: 0° ~ 355° | | | |
| Lens | | | | |
| Focal Length | 2.7 ~ 13.5 mm | | | |
| Aperture | F1.6 | | | |
| Field of View | 2.7 ~ 13.5 mm: Horizontal FOV: 112° ~ 35.5°, Vertical FOV: 59° ~ 20°, Diagonal FOV: 134° ~ 41° | | | |
| Lens Mount | Φ 14 | | | |
| DORI 2.7 ~ 13.5 mm | Detection | Observe | Recognize | Identify |
| | 72-206m | 27.9-81.5m | 14-40.8m | 7-20.4m |
| Camera Image | | | | |
| Maximum Resolution | 5MP (2880 x 1620) | | | |
| Main Stream | 50Hz: 25fps 5MP (2880 x 1620), 25fps 4MP (2688 x 1520), 25fps 4MP (2560 x 1440), 25fps 1080P (1920 x 1080) | | | |
| | 60Hz: 30fps 5MP (2880 x 1620), 30fps 4MP (2688 x 1520), 30fps 4MP (2560 x 1440), 30fps 1080P (1920 x 1080) | | | |
| Sub Stream | 50Hz: 25fps 720P (1280 x 720), 25fps D1 (704 x 576), 25fps CIF (352 x 288) | | | |
| | 60Hz: 30fps 720P (1280 x 720), 30fps D1 (704 x 480), 30fps CIF (352 x 240) | | | |
| Third Stream | 50Hz: 25fps CIF (352 x 288) | | | |
| | 60Hz: 30fps CIF (352 x 240) | | | |
| Image Setting | Brightness / Contrast / Saturation / Hue / Sharpness | | | |
| Shutter Time | Auto/Manual, 1/3 ~ 1/100000s | | | |
| Day/Night | IR Cut Filter | | | |
| Wide Dynamic Range | 120 dB | | | |
| Digital Noise Reduction | 2D/3D DNR | | | |
| BLC | Supported | | | |
| HLC | Supported | | | |
| ROI | Supported | | | |
| Rotate | Supported | | | |
| Compression | | | | |
| Video Compression | H.264 / H.264+ / H.265 / H.265+ / MJPEG | | | |
| H.264 Codec Profile | Base / Main / High profile | | | |
| H.265 Codec Profile | Main Profile | | | |
| Video Bit Rate | 11 Kbps ~ 10 Mbps | | | |
| Triple Streams | Supported | | | |
| Audio Compression | G.711A, G.711U | | | |
| Audio Bit Rate | 64 Kbps | | | |

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Technical Specifications

| Smart Features | |
|-------------------------|--|
| Basic Events | Motion detection (supports alarm triggering based on specified target types, such as humans and vehicles), Video Tampering |
| Smart Events | Smart Motion Detection, Line Crossing, Intrusion Detection, Monitoring entry and exit for specific regions (with alarm triggers for human and vehicle detection) and Scene Alteration Detection. |
| Face Detection | Supported |
| Network | |
| Network Storage | NAS (NFS, SMB/CIFS), ANR |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P |
| System Compatibility | Onvif (Profile S, Profile G, T), SDK |
| Security | Password protection, complex passwords, HTTPS encryption, IP address filtering, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface |
| Users | Maximum 40 users |
| Web Browsers | Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+ |
| Mobile Surveillance | iOS, Android |
| Hardware | |
| Communication interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| Storage | Up to 256GB |
| Microphone | Supported |
| Speaker | N/A |
| Audio I/O | 1/1 |
| Alarm I/O | 1/1 |
| Reset button | Supported |
| General | |
| Operating Conditions | -40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing) |
| Power Supply | DC12V ± 25% |
| PoE | PoE (802.3 af) |
| Power Consumption | Less than 9.5W |
| Protection Level | IP67 |
| IR Rating | IK10 |
| Material | Metal |
| Dimensions | Φ 142.2 × 116.5 mm (Φ 5.59" × 4.46") |
| Gross Weight | 2.25lb / 1020g |

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What you may need



XLGNXLB12C
Junction Box
Φ142 mm × 46.5mm



XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm



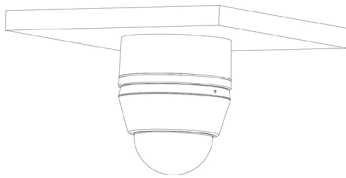
XLGNXLB07C
Wall Mount
Φ136mm × 120mm x 208mm



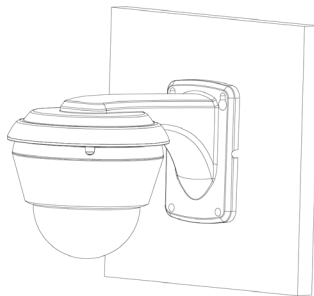
XLGNXCM700
Pendant Mount Bracket
Φ116 mm × 734.5 mm

Accessories Mount

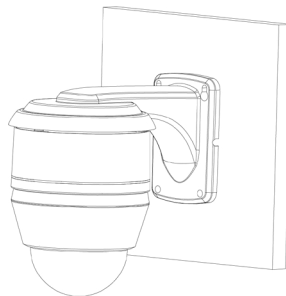
XLGNXLB12C



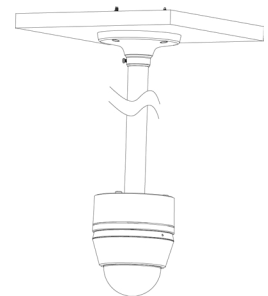
XLGNXLB07C



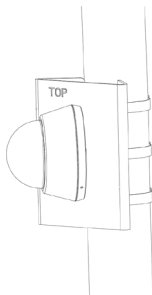
**XLGNXLB12C +
XLGNXLB07C**



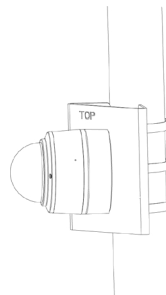
**XLGNXLB12C +
XLGNXCM700**



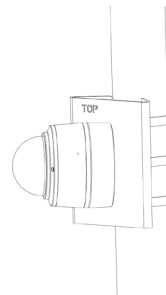
XLGNXPM03



**XLGNXPM03 +
XLGNXLB12C**



**XLGNXPM03 +
XLGNXLB07C**



**XLGNXPM03 + XLGNXLB07C +
XLGNXLB12C**



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