

# LEGEND<sup>NX</sup>

## LGNXBO4KIQWA

### 4K Bullet Network Camera with High IQ, Motorized Lens

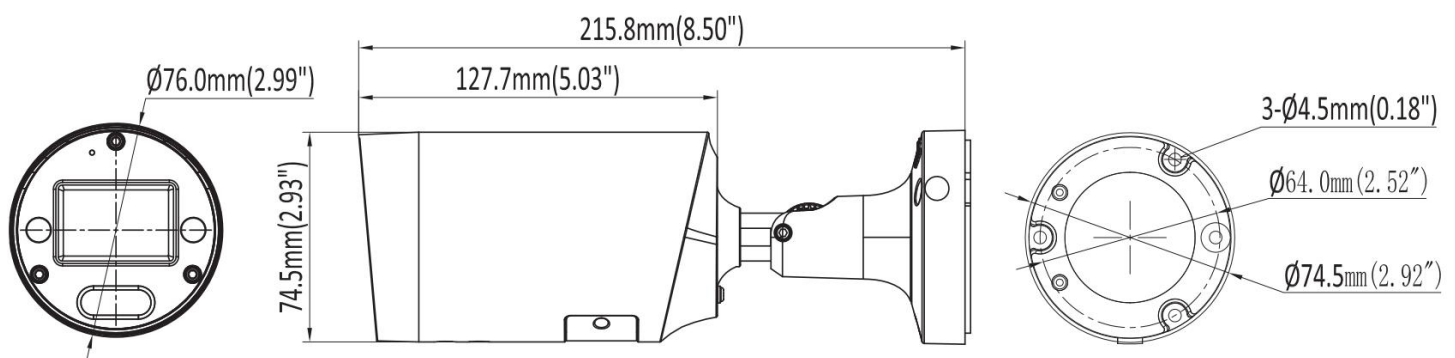
- 8MP High-Resolution Imaging
- High IQ: Extreme AI Analytics
- Motorized varifocal lens for simplified installation and flexible monitoring
- Smart target recognition for humans & vehicles, powered by deep learning
- 120 dB true WDR Technology
- IP67: Water and dust resistant
- Built-in microphone with audio & Alarm Interface
- Advanced H.265+ Compression



### In short

This advanced surveillance camera delivers 8MP high-resolution imaging and extreme AI analytics, ensuring smart target recognition of humans and vehicles powered by deep learning. With a motorized varifocal lens for easy installation and flexible monitoring, 120 dB True WDR technology, IP67 water and dust resistance, a built-in microphone with audio and alarm interface, and advanced H.265+ compression, it provides reliable security in any environment.

### Dimensions



\*Design and specifications are subjects to change without notice.

## Technical Specifications

| Camera                  |  |               |              |             |
|-------------------------|--|---------------|--------------|-------------|
| Image Sensor            | 1/2.8" Progressive Scan CMOS Sensor  |               |              |             |
| Minimum Illumination    | Color: 0.006 Lux (F1.6 , AGC ON), 0 Lux with light   |               |              |             |
| Illumination Range      | 70m / 229.7ft (IR light)   |               |              |             |
| Embedded Features       | Built-in Mic, Built-in Reset Button, Smart IR Light, Illuminator (Warm Light), Built-in Strobe Light   |               |              |             |
| External Features       | DC12V ± 25%  |               |              |             |
| Viewing Angle           | Pan: 0° ~ 360°<br>Tilt: 0° ~ 90°<br>Rotation: 0° ~ 360°  |               |              |             |
| Lens                    |  |               |              |             |
| Focal Length            | 2.7 ~ 13.5mm   |               |              |             |
| Aperture                | F1.6   |               |              |             |
| Field of View           | 2.7 ~ 13.5mm: Horizontal FOV: 108°~ 34°, Vertical FOV: 58° ~ 19°, Diagonal FOV: 130° ~39°  |               |              |             |
| Thread Mount            | Φ 14   |               |              |             |
| DORI                    | Detection  | Observe       | Recognize    | Identify    |
| 2.7 ~ 13.5mm            | 93 - 274m  | 36.3 - 108.1m | 18.2 - 54.4m | 9.1 - 27.2m |
| Camera Image            |  |               |              |             |
| Maximum Resolution      | 8MP (3840 × 2160)  |               |              |             |
| Frame Rate              | Main Stream  |               |              |             |
|                         | 50Hz: 25fps 8MP (3840 × 2160), 25fps 6MP (3200 × 1800), 25fps 5MP (3072 × 1728), 25fps 4MP (2560 × 1440), 25fps 1080P (1920 × 1080)                                    |               |              |             |
|                         | 60Hz: 30fps 8MP (3840 × 2160), 30fps 6MP (3200 × 1800), 30fps 5MP (3072 × 1728), 30fps 4MP (2560 × 1440), 30fps 1080P (1920 × 1080)                                    |               |              |             |
|                         | Sub Stream   |               |              |             |
|                         | 50Hz: 25fps 720P (1280 × 720), 25fps D1 (704 × 576), 25fps CIF ( 352 × 288) (Default D1)<br>60Hz: 30fps 720P (1280 × 720), 30fps D1 (704 × 480), 30fps CIF (352 × 240) |               |              |             |
|                         | Third stream   |               |              |             |
|                         | 50Hz: 25fps CIF (352 × 288)<br>60Hz: 30fps CIF (352 × 240)   |               |              |             |
| Image Calibration       | Brightness / Contrast/ Hue / Saturation / 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  |               |              |             |
| Image Features          | Backlight Compensation ( BLC), Highlight Compensation (HLC), Region of Interest (ROI), Rotation, Defog   |               |              |             |

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## Technical Specifications

| Compression          |  |
|----------------------|--|
| Video Compression    | H.265+ / H.265 / H.264 / H.264+ / MJPEG  |
| H.265 Codec Profile  | Main Profile   |
| H.264 Codec Profile  | Base / Main / High profile   |
| Video Bit Rate       | 11 Kbps ~ 16 Mbps  |
| Video Stream         | Triple   |
| Audio Compression    | G.711A, G.711U   |
| Audio Bit Rate       | 64 Kbps  |
| Intelligent Features |  |
| Standard Events      | Motion detection, Video tampering  |
| Advanced Events      | Advanced motion analysis, boundary crossing, zone penetration, sector access, perimeter exit (supports alarm activation based on specified target categories: person and vehicle).                           |
| 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         | Internet Explorer 10 and 11 need a plug-in for live view support. Chrome 57.0+ and Firefox 52.0+ are required for local service.   |
| Mobile Surveillance  | iOS, Android   |
| Hardware             |  |
| Ethernet             | 1 RJ45 10 M/100 M self-adaptive Ethernet port  |
| Storage              | Up to 256GB  |
| Audio I/O            | 1/1  |
| Alarm I/O            | 1/1  |
| General              |  |
| Working Conditions   | -40°C ~ 60°C (-40°F ~ 140°F)<br>Humidity 95% or less (non-condensing)  |
| Power Supply         | DC12V ± 25% / PoE (802.3 af)   |
| Power Consumption    | Less than 11W  |
| Protection Level     | IP67   |
| Material             | Metal  |
| Dimensions           | Φ 76 × 215.8 mm (Φ 2.99" × 8.50")  |
| Gross Weight         | 2.16lb / 980g  |

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# What you may need



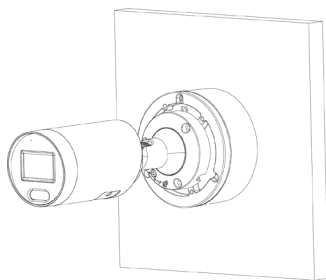
**XLGNXLB10**  
Junction Box  
Φ112mm × 49.5mm



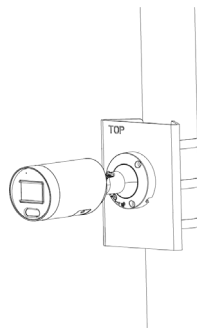
**XLGNXPM03**  
Pole Mount  
Φ170mm × 135.8mm × 43.7mm

## Accessories mount

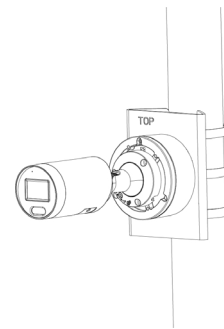
**XLGNXLB10**



**XLGNXPM03**



**XLGNXLB10 +XLGNXPM03**



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