



8MP Dual-Lens Bullet IP Camera with Active Deterrence

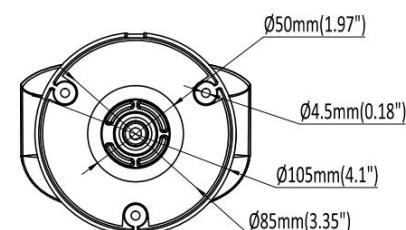
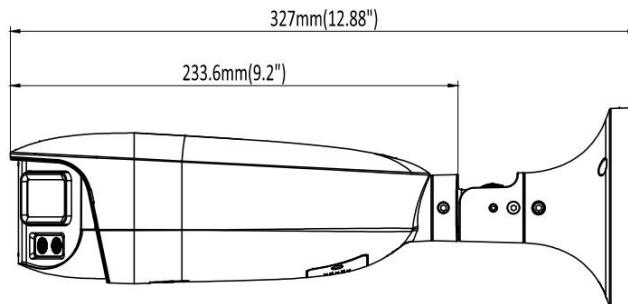
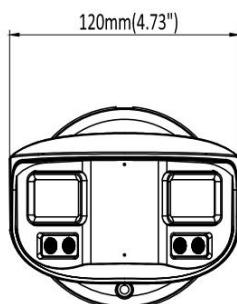
- 8MP High-Resolution Imaging
- Smart target recognition of human & vehicles powered by deep learning
- Active Deterrence with Red & Blue lights and Sound Warning
- 130 dB True WDR Technology
- IP67: Water and dust resistant
- Built-in microphone and speaker
- Advanced H.265+ Compression



In short

This 8MP camera delivers high-resolution imaging with smart human and vehicle recognition powered by deep learning, ensuring precise target detection. It features active deterrence with red and blue lights, sound warnings, true 130 dB WDR, IP67-rated protection, built-in microphone and speaker, and efficient H.265+ video compression.

Dimensions



*Design and specifications are subjects to change without notice.

Technical Specifications

| Camera: LGNXBO4K180ADWF | | | | |
|-------------------------|---|---------|-----------|----------|
| Image Sensor | 2 x 1/1.8" Progressive Scan CMOS Sensor | | | |
| Minimum Illumination | Color: 0.0008 Lux, 0 Lux with light | | | |
| Illumination Range | 40 m (Warm light) | | | |
| Embedded Features | Built-in Mic, Built-in Speaker, Built-in Reset Button, Red & Blue Light and Sound Warning, Illuminator (Warm Light) | | | |
| External Features | DC12V ± 25% | | | |
| Viewing Angle | Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360° | | | |
| Lens | | | | |
| Focal Length | 4.0 mm | | | |
| Aperture | F1.0 | | | |
| Field of View (FoV) | 4.0 mm: Horizontal FoV: 180°, Vertical FoV: 44° | | | |
| Thread Mount | M16 | | | |
| DORI 4.0mm | Detection | Observe | Recognize | Identify |
| | 70m | 28.5m | 14.3m | 7m |
| Camera Image | | | | |
| Maximum Resolution | 8MP (5120 x 1440) | | | |
| Frame Rate | Main Stream | | | |
| | 50 Hz: 20 fps (5120 x 1440) 60 Hz: 20 fps (5120 x 1440) | | | |
| | Sub Stream | | | |
| | 50 Hz: 20 fps (1920 x 544) 60 Hz: 20 fps (1920 x 544) | | | |
| Frame Rate | Third Stream | | | |
| | 50 Hz: 20 fps (352 x 288) 60 Hz: 20 fps (352 x 240) | | | |
| | | | | |
| Image Calibration | Brightness / Contrast / Hue / Saturation / Sharpness | | | |
| Shutter Time | Auto/Manual, 1/3 ~ 1/100000s | | | |
| Day/Night | IR Cut Filter | | | |
| Wide Dynamic Range | True 130 dB | | | |
| Digital Noise Reduction | 3D DNR | | | |
| Image Features | Backlight Compensation (BLC), Highlight Compensation (HLC), Region of Interest (ROI), Rotation, Defog | | | |
| 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 | | | |

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Technical Specifications

| | |
|-----------------------------|---|
| Video Stream | Triple |
| Audio Compression | G.711A, G.711U |
| Audio Bitrate | 64 Kbps |
| Intelligent Features | |
| Standard Events | Motion Detection: Triggers alarms based on target classification (human and vehicle) to reduce false alerts. Video Shelter: Protects video integrity during tampering or adverse conditions. |
| Advanced Events | Boundary crossing, zone penetration, sector access, perimeter exit (supports alarm activation based on specified target categories: person and vehicle) |
| Network | |
| Network Storage | NAS (NFS, SMB/CIFS) |
| 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, Profile T), CGI, SDK |
| Security | Password protection with strong password enforcement, HTTPS encryption, IP address filtering, basic and digest authentication for HTTP/HTTPS, support for TLS 1.1 and 1.2, as well as WSSE and digest authentication for ONVIF (Open Network Video Interface Forum) compliance. |
| 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 and Plug-in free live view. |
| Mobile Surveillance | iOS, Android |
| Hardware | |
| Ethernet | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| Audio Input/Output | 1/1 |
| Alarm Input/Output | 1/1 |
| Storage | Up to 256GB |
| NDAA Compliant | Completely |
| General | |
| Working Conditions | -40°C ~ 60°C (-40°F ~ 140°F) 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 | 120 x 105 x 327 mm (4.73" x 4.13" x 12.88") |
| Weight | 3.59 lb / 1630 g |

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What you may need

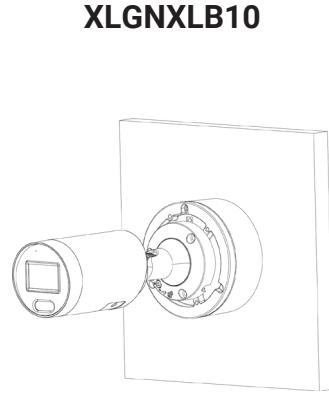


XLGNXLB10
Junction Box
Φ112mm × 49.5mm



XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm

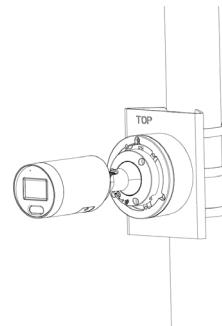
Accessories Mount



XLGNXLB10

XLGNXPM03

XLGNXLB10 + XLGNXPM03



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