

LEGEND^{NX}

LGNXT05DIWF

5.1 MP Turret Network Camera, Intelligent Dual Light, Fixed Lens

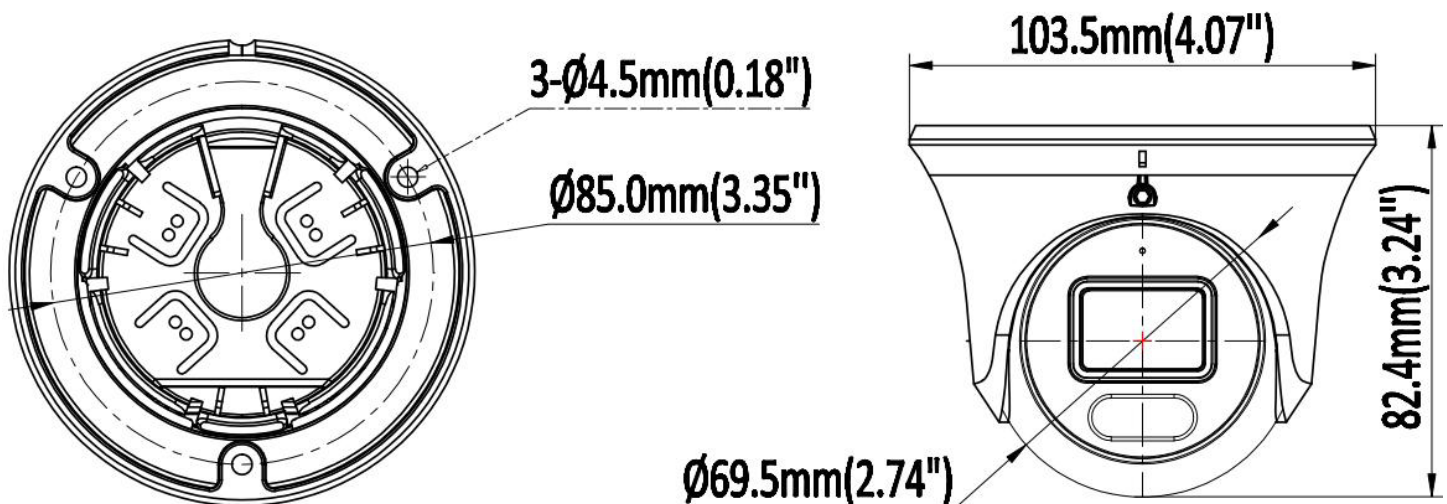
- 5MP High-Resolution Imaging
- Smart target recognition of humans & vehicles powered by deep learning
- Active Deterrence with Red & Blue lights
- 120 dB true WDR Technology
- IP67: Water and dust resistant
- Built-in microphone
- Advanced H.265+ Compression



In short

This advanced surveillance camera delivers 5MP high-resolution imaging and smart target recognition of humans and vehicles powered by deep learning. It features active deterrence with red and blue lights, 120 dB true WDR technology, IP67-rated water and dust resistance, a built-in microphone, and advanced H.265+ compression. These cutting-edge features ensure reliable and intelligent security in any environment.

Dimensions



*Design and specifications are subjects to change without notice.

Technical Specifications

| Camera: LGNXT05DIWF | |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| Image Sensor | 1/2.7" Progressive Scan CMOS Sensor |
| Minimum Illumination | Color: 0.006 Lux (F1.6 , AGC ON) , 0 Lux with light |
| Illumination Range | 30m / 98.43ft (IR light) 30m/98.43ft (Warm light) |
| Embedded Features | Built-in Mic, Built-on Reset, Smart IR Light, Illuminator (Warm Light), Red/Blue Light for Active Deterrence |
| External Features | DC12V ± 25% |
| Viewing Angle | Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotation: 0° ~ 360° |
| Lens | |
| Focal Length | 2.8mm |
| Aperture | F1.6 |
| Field of View | 2.8mm: Horizontal FOV: 114°, Vertical FOV: 61°, Diagonal FOV: 135° |
| Lens Mount | M12 |
| Camera Image | |
| Maximum Resolution | 5MP (2960 × 1664) |
| Frame Rate | Main Stream |
| | 50Hz: 20fps 5MP (2960 × 1664), 25fps 4MP (2688 × 1520), 25fps 4M (2560 × 1440), 25fps 1080P (1920 × 1080) |
| | 60Hz: 20fps 5MP (2960 × 1664), 30fps 4MP (2688 × 1520), 30fps 4M (2560 × 1440), 30fps 1080P (1920 × 1080) |
| | Sub Stream |
| | 50Hz: 25fps 720P (1280 × 720) 25fps D1 (704 × 576) , 25fps CIF (352 × 288) |
| | 60Hz: 30fps 720P (1280 × 720) 30fps D1 (704 × 480) , 30fps CIF (352 × 240) |
| | Third Stream |
| | 50Hz: 25fps CIF (352 × 288) 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 |
| Compression | |
| Video Compression | H.265+ / H.265 /H.264+ / H.264 / MJPEG (sub stream) |
| H.265 Codec Profile | Main Profile |
| H.264 Codec Profile | Base / Main / High profile |
| Video Bit Rate | 11 Kbps ~ 10 Mbps |
| Video Stream | Triple |
| Audio Compression | G.711A, G.711U |
| Audio Bit Rate | 64 Kbps |

*Design and specifications are subjects to change without notice.

Technical Specifications

| Smart 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) |
| 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, T), SDK |
| Security | User authentication, IP address filtering, Video mask |
| 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 |
| NDAA Compliant | Completely |
| General | |
| Operating 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 6W |
| Protection Level | IP67 |
| Material | Metal |
| Dimensions | Φ 103.5 × 82.4 mm (Φ 4.07" × 3.24") |
| Weight | 0.99lb / 450g |

*Design and specifications are subjects to change without notice.

What you may need



XLGNXLB10
Junction Box
Φ112.5 mm × 49.5mm



XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm



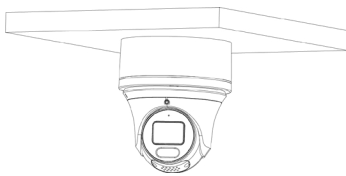
XLGNXLB14C
Wall Mount
Φ120mm × 105.8mm x 183.5mm



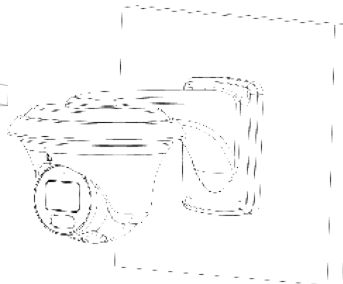
XLGNXCM700
Pendant Mount Bracket
Φ116 mm × 734.5 mm

Accessories Mount

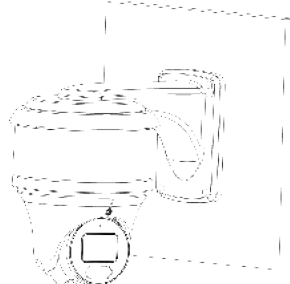
XLGNXLB10



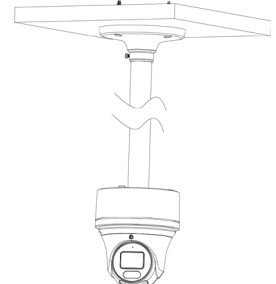
XLGNXLB14C



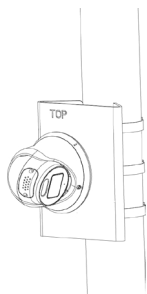
**XLGNXLB10 +
XLGNXLB14C**



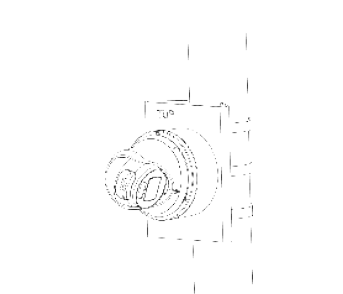
**XLGNXLB10 +
XLGNXCM700**



XLGNXPM03



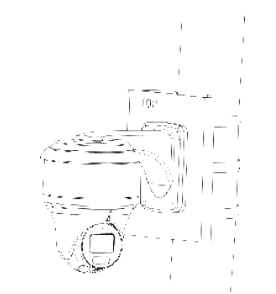
**XLGNXPM03 +
XLGNXLB10**



**XLGNXPM03 +
XLGNXLB14C**



**XLGNXPM03 + XLGNXLB10 +
XLGNXLB14C**



*Design and specifications are subjects to change without notice.