

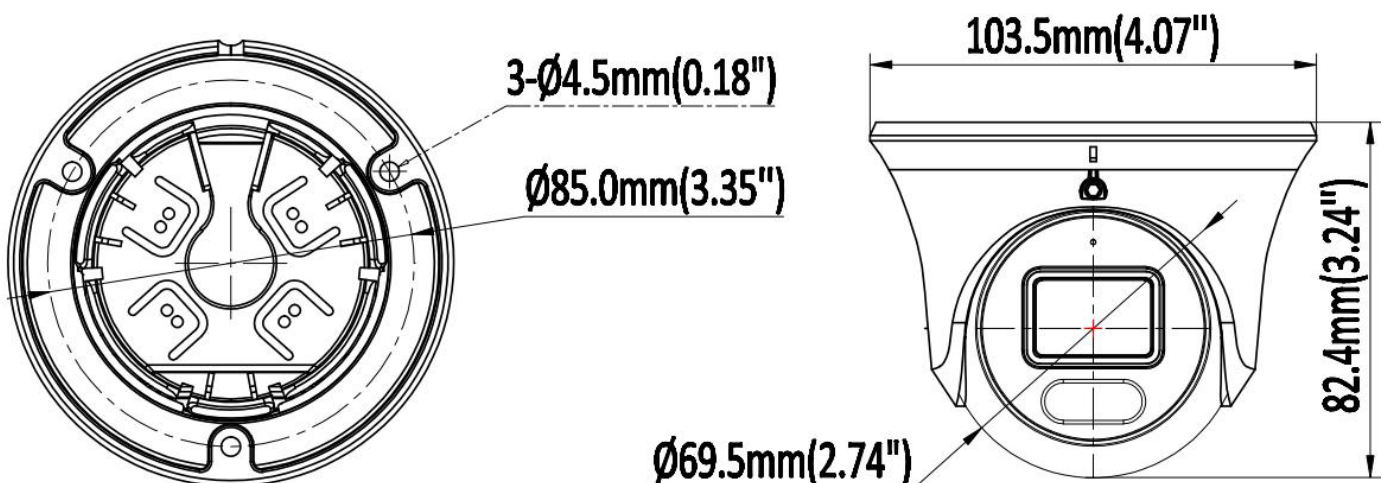
LGNXT05DIWF / LGNXT05DIWFB

5.1 MP Intelligent Dual Light Fixed Lens Turret Network Camera / Black



- **High-definition imaging with an 5.1 MP resolution**
- **Classification of human and vehicle targets through intelligent analysis**
- **Active red and blue lighting for visual deterrence**
- **IR illumination and warm light up to 30 m**
- **IP67 protection rating against water and dust**
- **Built-in microphone**

Dimensions



*Design and specifications are subject to change without notice - Version 2026-01-23

LGNXT05DIWF - 5.1 MP Intelligent Dual Light Fixed Lens Turret Network Camera
LGNXT05DIWFB - 5.1 MP Intelligent Dual Light Fixed Lens Black Turret Network Camera

Camera	Image
Image Sensor 1/2.7" Progressive Scan CMOS	Maximum Resolution 5MP (2960 × 1664)
Minimum Illumination Color: 0.006 Lux (F1.6, AGC on), 0 Lux with light	Main Stream
Illumination Distance IR & Warm light: up to 30 m	50Hz 20 fps 5MP (2960 × 1664); 25 fps 4MP (2688 × 1520); 25 fps 4MP (2560 × 1440); 25 fps 1080P (1920 × 1080) 60Hz 20 fps 5MP (2960 × 1664); 30 fps 4MP (2688 × 1520); 30 fps 4MP (2560 × 1440); 30 fps 1080P (1920 × 1080)
Smart IR Supported	Sub Stream
Strobe Light N/A	50Hz 25 fps 720P (1280 × 720); 25 fps D1 (704 × 576); 25 fps CIF (352 × 288) 60Hz 30 fps 720P (1280 × 720); 30 fps D1 (704 × 480); 30 fps CIF (352 × 240)
Pan / Tilt / Rotation 0° to 360° / 0° to 75° / 0° to 360°	Third Stream
Lens	50Hz 25 fps CIF (352 × 288) 60Hz 30 fps CIF (352 × 240)
Focal Length 2.8 mm	Image Settings
Aperture F1.6	Parameters Brightness / Contrast / Saturation / Hue / Sharpness
Field of View HORIZONTAL : 114° VERTICAL : 61° DIAGONAL : 135°	Shutter Auto / Manual, 1/3 to 1/100000 s
Mount M12	Day / Night IR Cut Filter
Compression	WDR 120 dB
Video Compression H.264 / H.264+ / H.265 / H.265+ / MJPEG (sub stream)	Noise Reduction 2D / 3D DNR
H.265 Codec Profile Main	Back Light Compensation (BLC) Supported
H.264 Codec Profile Base / Main / High	High Light Compensation (HLC) Supported
Video Bit Rate 11 Kbps to 10 Mbps	Region of Interest (ROI) Supported
Multiple Streams Triple streams	Rotation Supported
Audio Compression G.711A, G.711U	
Audio Bit Rate 64 Kbps	

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Smart Features	Interface
Basic Events Motion detection, video tampering	Network 1 × RJ45 10/100 Mbps
Smart Events Smart motion detection, line crossing, area intrusion, region entrance/exiting with human/vehicle filtering	On-board Storage Up to 256 GB
Face Detection N/A	Microphone Supported
	Speaker N/A
Network	Audio Input / Output N/A
Storage NAS (NFS, SMB/CIFS)	Alarm Input / Output N/A
Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P	Reset Button Supported
Compatibility ONVIF (Profile S, G, T), SDK	General
Security User authentication, IP filtering, video masking	Operating Conditions -40 °C to 60 °C
Users 40	Humidity ≤ 95% non-condensing
Browsers IE10, IE11; Chrome 57+; Firefox 52+	Power Supply DC12V ± 25%
Mobile iOS, Android	PoE 802.3af
Active Deterrence	Power Consumption Maximum 6 W
Red/Blue Light Supported	Protection IP67
Sound Warning N/A	Material Metal
	Dimensions Φ103.5 × 82.4 mm
	Weight 450 g

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Accessories



XLGNXLB10 / XLGNXLB10B
Junction Box



XLGNXPM03
Pole Mount

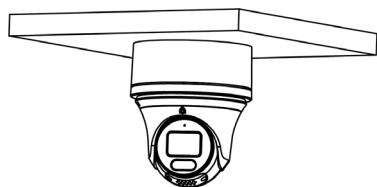


XLGNXLB14C / XLGNXLB14CB
Wall Mount

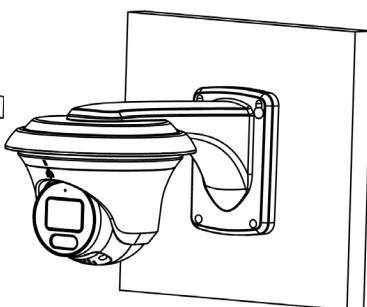


XLGNXCM700
Pendant Mount

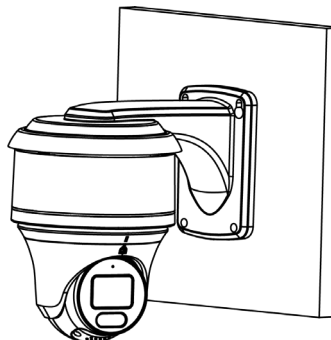
Accessories Mount



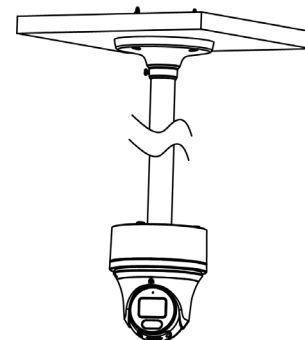
XLGNXLB10



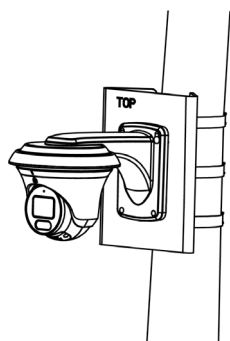
XLGNXLB14C



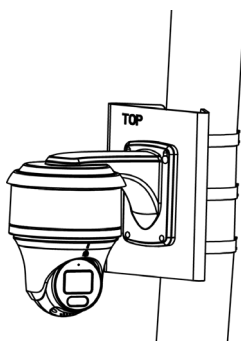
**XLGNXLB10
+ XLGNXLB14C**



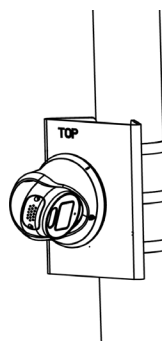
**XLGNXLB10
+ XLGNXCM700**



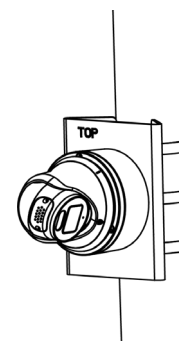
**XLGNXLB14C
+ XLGNXPM03**



**XLGNXLB10
+ XLGNXLB14C + XLGNXPM03**



XLGNXPM03



**XLGNXLB10
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