

# **LEGENDNX**

## **LGNXBO4KDIWF**

### 4K Bullet Network Camera, Intelligent Dual Light, Fixed Lens

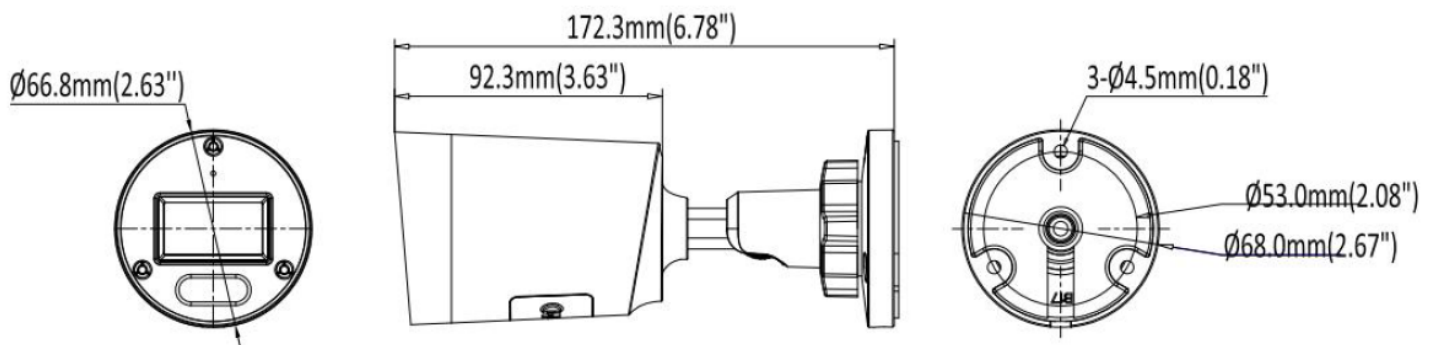
- 8MP High-Resolution Imaging
- Smart target recognition for humans and vehicles, powered by deep learning
- Active Deterrence with red & blue lights
- 120 dB True WDR Technology
- IP67: Water and dust resistant
- Built-in microphone
- Advanced H.265+ Compression



### In short

This advanced surveillance camera features 8MP high-resolution imaging and smart target recognition for humans and vehicles, powered by deep learning, ensuring accurate and efficient classification. With active deterrence through red and blue lights, 120 dB True WDR technology, IP67 water and dust resistance, a built-in microphone, and advanced H.265+ compression, it provides reliable security in any environment.

## Dimensions



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

## Technical Specifications

Camera: LGNXBO4KDIWF	
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-in Reset Button, Red & Blue Light Warning, Smart IR Light, Illuminator (Warm Light)
External Features	DC12V $\pm$ 25%
Viewing Angle	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°
Lens	
Focal Length	2.8mm
Aperture	F1.6
Field of View (FoV)	2.8mm: Horizontal FoV: 110°, Vertical FoV: 58°, Diagonal FoV: 128°
Thread Mount	M12
Camera Image	
Maximum Resolution	8MP (3840 $\times$ 2160)
Frame Rate	Main Stream
	50Hz: 20fps 8MP (3840 $\times$ 2160), 20fps 6MP (3200 $\times$ 1800), 25fps 5MP (3072 $\times$ 1728), 25fps 4MP (2560 $\times$ 1440), 25fps 1080P (1920 $\times$ 1080)
	60Hz: 20fps 8MP (3840 $\times$ 2160), 20fps 6MP (3200 $\times$ 1800), 30fps 5MP (3072 $\times$ 1728), 30fps 4MP (2560 $\times$ 1440), 30fps 1080P (1920 $\times$ 1080)
	Sub Stream
	50Hz: 25fps 720P (1280 $\times$ 720), 25fps D1 (704 $\times$ 576), 25fps CIF (352 $\times$ 288) (Default D1)
	60Hz: 30fps 720P (1280 $\times$ 720), 30fps D1 (704 $\times$ 480), 30fps CIF (352 $\times$ 240)
	Third Stream
	50Hz: 25fps CIF (352 $\times$ 288) 60Hz: 30fps CIF (352 $\times$ 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 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 ~ 13 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bitrate	64 Kbps

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## Technical Specifications

Intelligent Features	
Standard Events	Motion detection, Video tampering
Advanced Events	Advanced motion analysis includes boundary crossing, zone penetration, sector access, and perimeter exit, with alarm activation support for specific targets: persons and vehicles.
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	
Working Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%/ PoE (802.3 af)
Power Consumption	Less than 6.5W
Protection Level	IP67
Material	Metal
Dimensions	Φ 68 × 172.3 mm (Φ 2.67" × 6.78")
Weight	1.07lb / 485g

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# What you may need



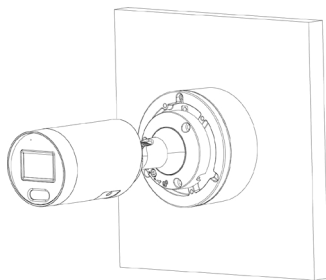
**XLGNXLB10**  
Junction Box  
Φ112mm × 49.5mm



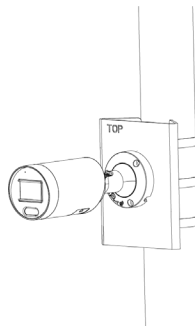
**XLGNXPM03**  
Pole Mount  
Φ170mm × 135.8mm × 43.7mm

## Accessories Mount

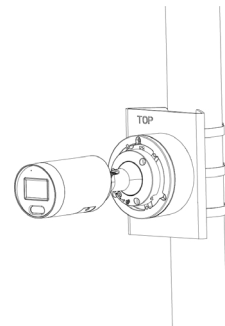
**XLGNXLB10**



**XLGNXPM03**



**XLGNXLB10 + XLGNXPM03**



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