

# **LEGENDNX**

## **LGNXBO4K180ADWF**

### 8MP Dual-Lens Bullet IP Camera with Active Deterrence

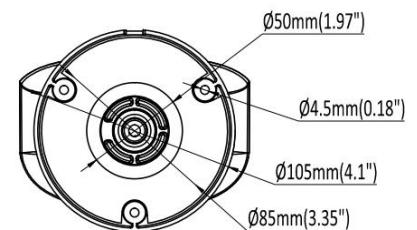
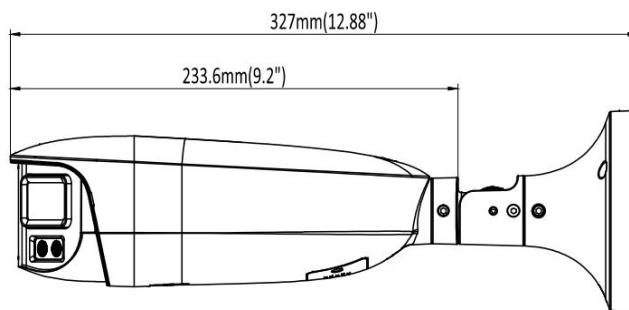
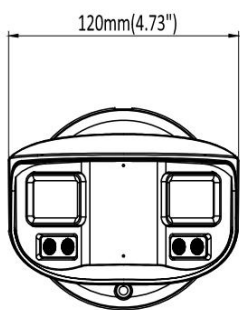
- 8MP High-Resolution Imaging
- Smart target recognition of human & vehicles powered by deep learning
- Active Deterrence with Red & Blue lights and Sound Warning
- 130 dB True WDR Technology
- IP67: Water and dust resistant
- Built-in microphone and speaker
- Advanced H.265+ Compression



### 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: LGNXB04K180ADWF				
Image Sensor	2 × 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 × 1440) 60 Hz: 20 fps (5120 × 1440)			
	Sub Stream			
	50 Hz: 20 fps (1920 × 544) 60 Hz: 20 fps (1920 × 544)			
	Third Stream			
	50 Hz: 20 fps (352 × 288) 60 Hz: 20 fps (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	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			

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

## Technical Specifications

Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bitrate	64 Kbps
<b>Intelligent Features</b>	
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)
<b>Network</b>	
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
<b>Hardware</b>	
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
NDA Compliant	Completely
<b>General</b>	
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 × 105 × 327 mm (4.73" × 4.13" × 12.88")
Weight	3.59 lb / 1630 g

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

# What you may need



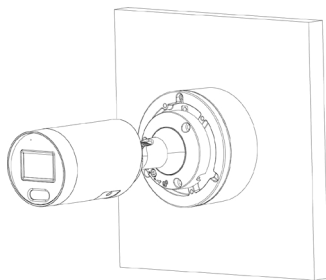
**XLGNXLB10**  
Junction Box  
Φ112mm × 49.5mm



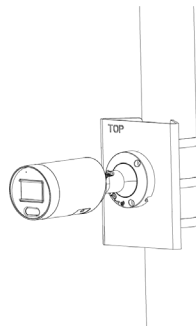
**XLGNXPM03**  
Pole Mount  
Φ170mm × 135.8mm × 43.7mm

## Accessories Mount

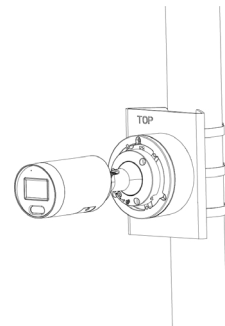
**XLGNXLB10**



**XLGNXPM03**



**XLGNXLB10 + XLGNXPM03**



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