LGNXBO4LPRDLWA

4.1MP LPR Motorized Lens Bullet Network Camera (8 mm to 32 mm)

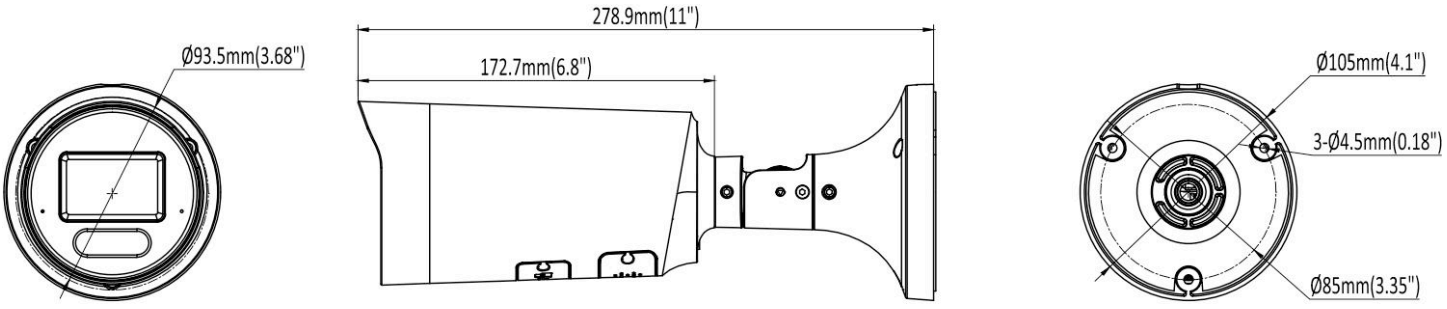




In Short

This 4.1MP LPR bullet network camera delivers detailed video with an 8 mm to 32 mm motorized varifocal lens, IR illumination up to 100 m and warm light up to 70 m, and license plate recognition for vehicles and motorcycles. With 130 dB WDR, H.265+ compression, built-in microphone, built-in speaker, audio and alarm I/O, and IP67 weather protection, it is designed for reliable professional security applications. Built for trusted installations, this camera delivers a premium, dependable solution for commercial and enterprise environments.

Dimensions



*Design and specifications are subject to change without notice - Version 2026-11-09.

TECHNICAL SPECIFICATIONS

Ordering Information	
Part Number	LGNXBO4LPRDLWA
Camera	
Image Sensor	1/1.8” Progressive Scan CMOS Sensor
Minimum Illumination	Colour: 0.002 Lux (F1.6, AGC ON), 0 Lux with light
Illumination Distance	100 m (IR light); 70 m (warm light); smart IR supported
Strobe Light	N/A
Pan / Tilt / Rotation	Pan: 0° to 360° | Tilt: 0° to 90° | Rotation: 0° to 360°
Lens	
Focal Length	8 mm to 32 mm
Aperture	F1.7 to F1.73
Field of View	Horizontal: 8 mm: 47° / 32 mm: 22°
	Vertical: 8 mm: 27° / 32 mm: 12°
	Diagonal: 8 mm: 56° / 32 mm: 24°
Mount	Integrated
Compression	
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG (Sub)
H.265 Codec Profile	Main Profile
H.264 Codec Profile	Base / Main / High Profile
Video Bit Rate	11 Kbps to 10 Mbps
Multiple Streams	Triple streams supported
Audio Compression	G.711A/G.711U
Audio Bit Rate	64 Kbps
Image	
Maximum Resolution	4.1 MP (2688 x 1520)
Main Stream	
50 Hz: 25 fps (2688 x 1520, 2560 x 1440, 2048 x 1536, 1920 x 1080, 1280 x 720), 60 Hz: 30 fps (2688 x 1520, 2560 x 1440, 2048 x 1536, 1920 x 1080, 1280 x 720)	
Sub Stream	
50Hz: 25fps 720P (1280 x 720), 25fps D1 (704 x 576), 25fps CIF (352 x 288); 60Hz: 30fps 720P (1280 x 720), 30fps D1 (704 x 480), 30fps CIF (352 x 240)	
Third Stream	
50Hz: 25fps CIF (352 x 288); 60Hz: 30fps CIF (352 x 240)	

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Image Settings	
Parameters	Brightness / Contrast / Saturation / Hue / Sharpness
Shutter	Auto / Manual, 1/3 s to 1/100000 s
Day / Night	IR cut filter
WDR	130 dB
Noise Reduction	2D / 3D DNR
BLC	Backlight compensation supported
HLC	Highlight compensation supported
ROI	Region of interest supported
Smart Features	
Basic Events	Motion detection, video tampering
Smart Events	Smart motion detection, line crossing detection, area intrusion, region entrance, region exiting, scene change detection; alarm triggering by specified human and vehicle target types
LPR	Smart function: supports license plate recognition of vehicles and motorcycles (only in checkpoint scenario)
	Black list and White list: up to 10,000 records
	LPR Countries/Regions: North America
	Vehicle Capture Speed: Front installation in checkpoint scenario: up to 60 km/h
	Side installation: up to 60 km/h
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
Compatibility	ONVIF Profile S, Profile G, Profile T; SDK
Security	User authentication, IP address filtering, Region splice
Browsers	Plug-in required live view: IE 10, IE 11; Local service: Chrome 57.0+, Firefox 52.0+
Users	Up to 40 users
Mobile	Android, iOS
Active Deterrence	
Red/Blue Light	N/A
Sound Warning	N/A
Interface	
Network	1 RJ45 10M/100M/1000M self-adaptive Ethernet port
On-board Storage	Up to 512GB
Microphone	Built-in microphone supported
Speaker	Built-in speaker supported

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Audio Input / Output	1 input / 1 output
Alarm Input / Output	2 input / 2 output
RS-485	Supported
Reset Button	Reset button supported
Power Output	Supported
Wiegand	Supported
Video Output	Supported
General	
Operating Conditions	-40°C to 60°C (-40°F to 140°F)
Humidity	95% or less, non-condensing
Power Supply	12V DC ± 25%
PoE	PoE IEEE 802.3at
Protection	IP67
Material	Metal housing
Dimensions	Ø105 x 278.9 mm (Ø4.1” x 11”)
Weight	1440 g (3.17 lb)

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TECHNICAL SPECIFICATIONS

Accessories

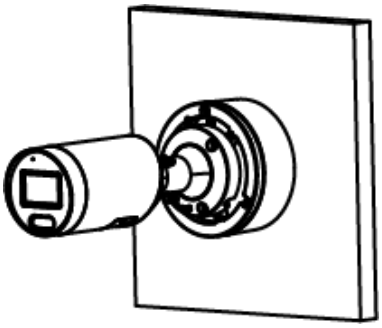


XLGNXLB10 - Junction Box, Ø112.5 x 49.5 mm

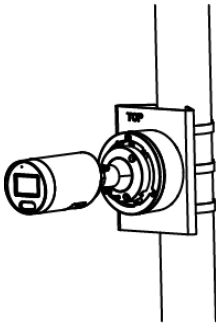


XLGNXPM03 - Pole Mount, Ø170 x 135.8 x 43.7 mm

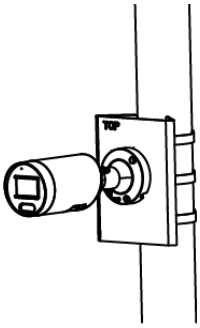
Accessories Mount



XLGNXLB10



XLGNXLB10 + XLGNXPM03



XLGNXPM03