LEGEND NX

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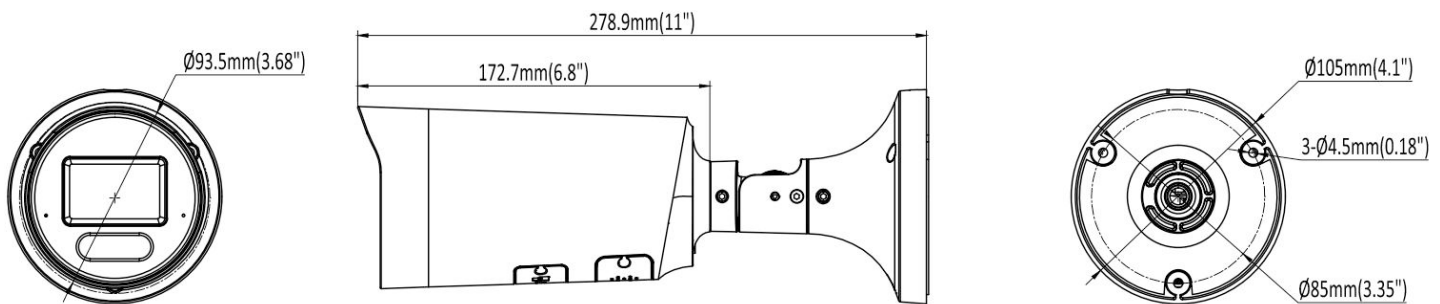
4MP Bullet Network Camera
ANPR, Motorized Lens

- Automatic License Plate Recognition
- Motorized varifocal lens range from 8mm to 32mm
- 130 dB True WDR Technology
- Illumination Distance up to 100m/328ft
- IP67: Water and dust resistant
- Built-in microphone and speaker
- Advanced H.265+ Compression

NDAA Compliant

4 MP | WDR 130dB | IP67 | Built-in Mic

In short

This advanced surveillance camera delivers 4MP high-resolution imaging and powerful Automatic License Plate Recognition, ensuring precise vehicle identification in any environment. With a motorized varifocal lens ranging from 8mm to 32mm for flexible monitoring, dual light technology featuring 850nm IR and warm LED illumination up to 100m (328ft), and IP67-rated water and dust resistance, it provides reliable performance in all conditions. Equipped with a built-in microphone and speaker for real-time audio communication and advanced H.265+ compression for efficient storage, it ensures superior security and intelligent monitoring around the clock.

Dimensions

Ø93.5mm(3.68")

278.9mm(11")
172.7mm(6.8")

Ø105mm(4.1")
3-Ø4.5mm(0.18")
Ø85mm(3.35")

*Design and specifications are subjects to change without notice.

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Technical Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS Sensor
Minimum Illumination	Color: 0.002 Lux (F1.6 , AGC ON), 0 Lux with light
Illumination Range	100m / 328ft (IR light) 70m / 229.7ft (Warm light)
Embedded Features	Built-in Mic, Built-in Reset Button, Smart IR Light
Viewing Angle	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°

Lens	
Focal Length	8 ~ 32mm
Aperture	F1.7 to F1.73
Field of View	Horizontal FOV: 47°~ 22°, Vertical FOV: 27° ~ 12°, Diagonal FOV: 56° ~ 24°
Lens Mount	Integrated

Camera Image	
Maximum Resolution	4MP (2688 × 1520)
Frame Rate	**Main Stream** 50Hz: 25 fps (2688 × 1520, 2560 × 1440,2048 × 1536, 1920 × 1080,1280 × 720) 60Hz: 30 fps (2688 × 1520, 2560 × 1440,2048 × 1536, 1920 × 1080,1280 × 720) **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	130 dB
Digital Noise Reduction	2D/3D DNR
Image Features	Backlight Compensation (BLC), Highlight Compensation (HLC), Region of Interest (ROI), Rotation, Defog

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Technical Specifications

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
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps
Intelligent 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), Scene alteration detection
Road Traffic & Vehicle Detection	Smart Function: Supports vehicle & motorcycle license plate recognition (checkpoint scenarios) Black/White list: up to 10,000 records LPR region: North America Capture speed: up to 60 km/h (front or side installation)
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 access control, IP filtering, and regional segmentation
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 512GB
Speaker	Supported
Audio I/O	1/1
Alarm I/O	2/2
RS-485	Supported
Power Output	Supported
Video Output	Supported
Wiegand	Supported
General	
Working Conditions	-40℃ ~ 60℃ (-40℉ ~ 140℉) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25% / PoE (802.3 af)
Protection Level	IP67
Material	Metal
Dimensions	Φ 105 x 278.9 mm (Φ 4.1" x 11")

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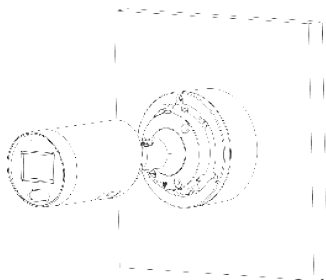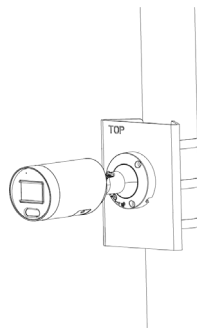
What you may need

XLGNXLB10
Junction Box
Φ112mm × 49.5mm

XLGNXPM03
Pole Mount
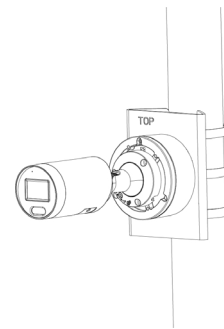Φ170mm × 135.8mm × 43.7mm

Accessories mount

XLGNXLB10

XLGNXPM03

XLGNXLB10 +XLGNXPM03

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