

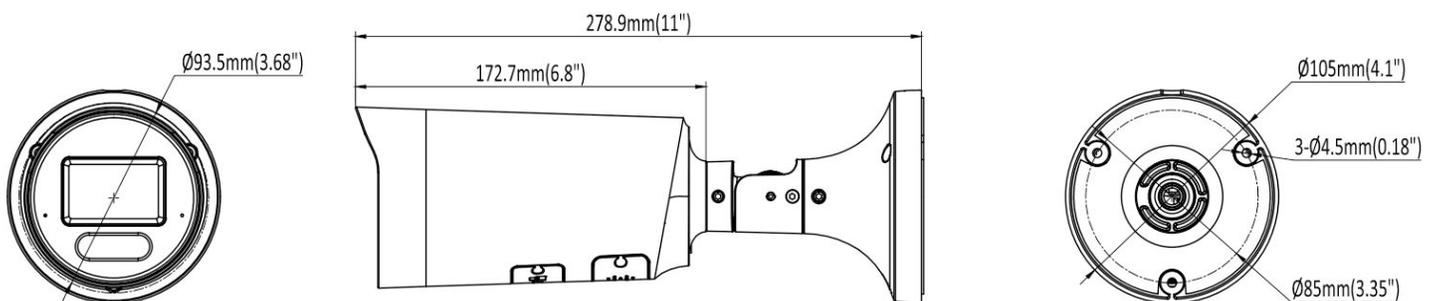
## LGNXB04LPRDLWA

4.1 MP Motorized Bullet License Plate Recognition Camera (8–32 mm)



- **4 MP resolution (2688 × 1520) up to 60 fps**
- **Dual illumination: 850 nm IR LED and warm white LED**
- **Perimeter protection**
- **Motorized varifocal lens 8–32 mm**
- **IP67 protection rating against water and dust**
- **Built-in microphone and speaker**

## Dimensions



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

# LGXBO4LPRDLWA - 4.1 MP Motorized Bullet License Plate Recognition Camera (8–32 mm)

## Camera

### Image Sensor

1/1.8" Progressive Scan CMOS

### Minimum Illumination

0.002 Lux (F1.6, AGC ON); 0 Lux with light

### Illumination Distance

IR: up to 100 m  
Warm light: 70 m

### Smart IR

Supported

### Strobe Light

N/A

### Pan / Tilt / Rotation

0° to 360° / 0° to 90° / 0° to 360°

## Lens

### Focal Length

8 ~ 32 mm

### Aperture

F1.7 ~ F1.73

### Field of View

**HORIZONTAL** : 47° ~ 22°  
**VERTICAL** : 27° ~ 12°  
**DIAGONAL** : 56° ~ 24°

### Mount

Integrated

## Compression

### Video Compression

H.264 / H.264+ / H.265 / H.265+ / MJPEG (sub stream)

### H.265 Codec Profile

Main

### H.264 Codec Profile

Base / Main / High

### Video Bit Rate

11 Kbps to 10 Mbps

### Multiple Streams

Triple streams

### Audio Compression

G.711A, G.711U

### Audio Bit Rate

64 Kbps

## Image

### Maximum Resolution

4MP (2688 × 1520)

### 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

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)

### Third Stream

#### 50Hz

25 fps CIF (352 × 288)

#### 60Hz

30 fps CIF (352 × 240)

## Image Settings

### Parameters

Brightness / Contrast / Saturation / Hue / Sharpness

### Shutter

Auto / Manual, 1/3 to 1/100000 s

### Day / Night

IR Cut Filter

### WDR

130 dB

### Noise Reduction

2D / 3D DNR

### Back Light Compensation (BLC)

Supported

### High Light Compensation (HLC)

Supported

### Region of Interest (ROI)

Supported

### Rotation

Supported

# LGNXB04LPRDLWA - 4.1 MP Motorized Bullet License Plate Recognition Camera (8–32 mm)

## Smart Features

### Basic Events

Motion detection, video tampering

### Smart Events

Smart motion detection, line crossing, intrusion, region entrance/exit (human/vehicle filtering), scene change detection

### License Plate Recognition

Vehicles and motorcycles (checkpoint scenario)

### Black/White List

Up to 10,000 records

### LPR Regions

Up to 10,000 records

### Capture Speed

Up to 60 km/h (front or side installation)

## 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, G, T), SDK

### Security

User authentication, IP filtering, region splice

### Users

40

### Browsers

IE10, IE11; Chrome 57+; Firefox 52+

### Mobile

iOS, Android

## Active Deterrence

### Red/Blue Light

N/A

### Sound Warning

N/A

## Interface

### Network

1 × RJ45 10/100/1000 Mbps self-adaptive

### On-board Storage

Up to 512GB

### Microphone

Supported

### Speaker

Supported

### Audio Input / Output

1/1

### Alarm Input / Output

2/2

### Reset Button

Supported

### RS-485

Yes

### Power Output

Yes

### Wiegand

Yes

### Video Output

Yes

## General

### Operating Conditions

-40 °C to 60 °C

### Humidity

≤ 95% non-condensing

### Power Supply

DC12V ± 25%

### PoE

802.3at

### Protection

IP67

### Material

Metal

### Dimensions

Φ 105 × 278.9 mm

### Weight

1440 g

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## Accessories

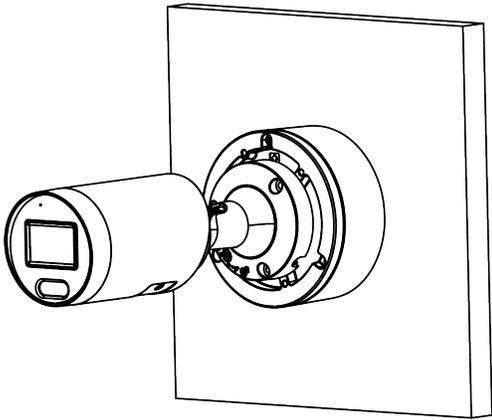


**XLGNXLB10**  
Junction Box

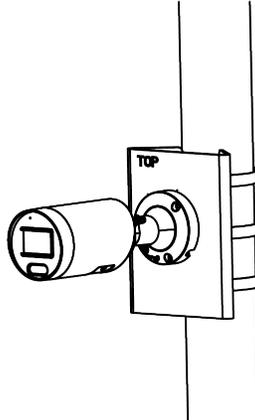


**XLGNXPM03**  
Pole Mount

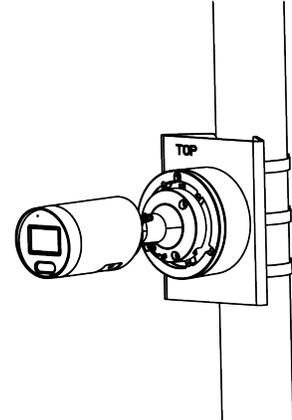
## Accessories Mount



**XLGNXLB10**



**XLGNXLB10 + XLGNXPM03**



**XLGNXLB10 + XLGNXPM03**