

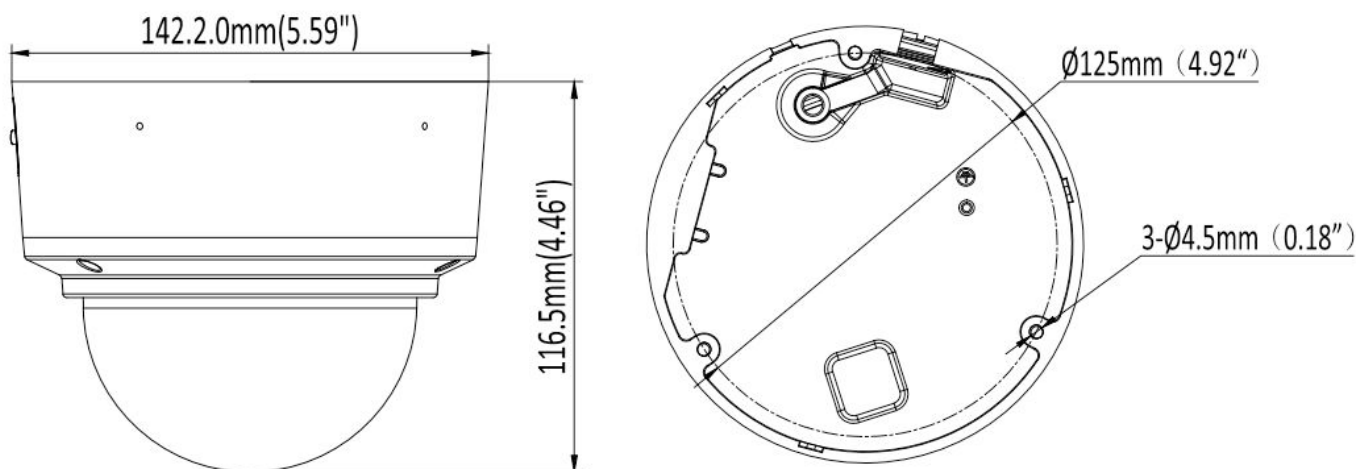
LGNXD05IQWF

5.1 MP High Intelligent Quotient Fixed Lens Dome Network Camera



- **High-definition imaging with an 5.1 MP resolution**
- **Classification of human and vehicle targets through intelligent analysis**
- **High IQ: Extreme AI analytics**
- **IR illumination up to 30 m**
- **IP67 water and dust protection and IK10 vandal resistance**
- **Built-in microphone**

Dimensions



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

LGNXD05IQWF - 5.1 MP High IQ Fixed Lens Dome Network Camera

Camera

Image Sensor

1/2.7" Progressive Scan CMOS

Minimum Illumination

Color: 0.006 lux; 0 lux with IR on

Illumination Distance

IR: up to 30 m

Smart IR

Supported

Strobe Light

Supported

Pan / Tilt / Rotation

0° to 355° / 0° to 75° / 0° to 355°

Lens

Focal Length

2.8 mm

Aperture

F1.6

Field of View

HORIZONTAL : 111°

VERTICAL : 60°

DIAGONAL : 132°

Mount

M12

DORI

Detection

65 m

Observation

25.1 m

Recognition

12.6 m

Identification

6.3 m

Compression

Video Compression

H.264 / H.264+ / H.265 / H.265+ / MJPEG

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

5MP (2880 × 1620)

Main Stream

50Hz

25 fps 5MP (2880 × 1620);

25 fps 4MP (2688 × 1520);

25 fps 4MP (2560 × 1440);

25 fps 1080P (1920 × 1080)

60Hz

30 fps 5MP (2880 × 1620);

30 fps 4MP (2688 × 1520);

30 fps 4MP (2560 × 1440);

30 fps 1080P (1920 × 1080)

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

120 dB

Noise Reduction

2D / 3D DNR

Back Light Compensation (BLC)

Supported

High Light Compensation (HLC)

Supported

Region of Interest (ROI)

Supported

Rotation

Supported

LGNXD05IQWF - 5.1 MP High IQ Fixed Lens Dome Network Camera

Smart Features	Interface
Basic Events Motion detection, video tampering	Network 1 × RJ45 10/100 Mbps
Smart Events Smart motion detection, line crossing, area intrusion, region entrance/exiting with human/vehicle filtering	On-board Storage Up to 256 GB
Face Detection Supported	Microphone Supported
Loitering Detection Supported	Speaker N/A
Scene Change Detection Supported	Audio Input / Output N/A
Network	Alarm Input / Output N/A
Storage NAS (NFS, SMB/CIFS), ANR	Reset Button Supported
Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P	General
Compatibility ONVIF (Profile S, G, T), SDK	Operating Conditions -40 °C to 60 °C
Security Password protection, strong password, HTTPS encryption, IP filtering, HTTP/HTTPS authentication, TLS 1.1/1.2, WSSE	Humidity ≤ 95% non-condensing
Users 40	Power Supply DC12V ± 25%
Browsers IE10, IE11; Chrome 57+; Firefox 52+	PoE 802.3af
Mobile iOS, Android	Power Consumption Maximum 8 W
Active Deterrence	Protection IP67, IK10
Red/Blue Light N/A	Material Metal
Sound Warning N/A	Dimensions Ø114 × 91.8 mm
	Weight 800 g

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Accessories



XLGNXLB10 / XLGNXLB10B
Junction Box



XLGNXPM03
Pole Mount

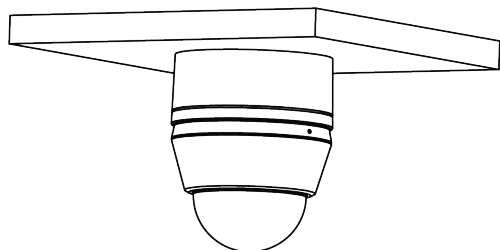


XLGNXLB14C / XLGNXLB14CB
Wall Mount

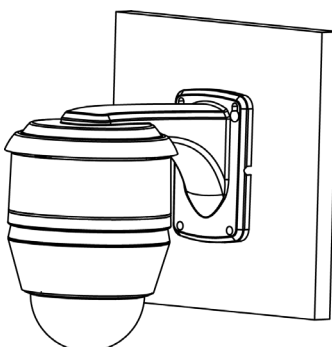


XLGNXCM700
Pendant Mount

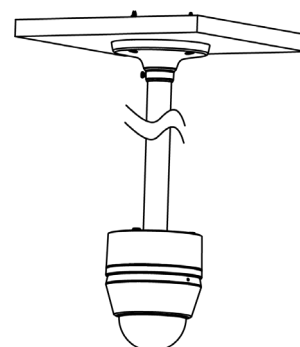
Accessories Mount



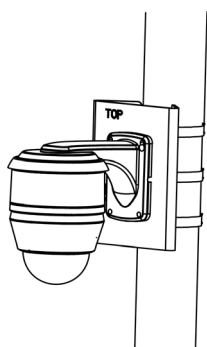
XLGNXLB10



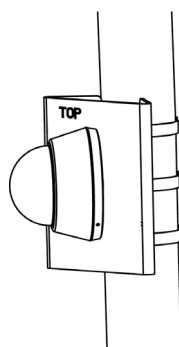
**XLGNXLB10
+ XLGNXLB14C**



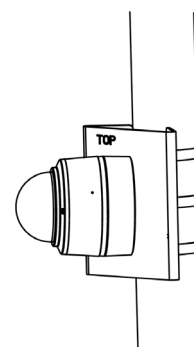
**XLGNXLB10
+ XLGNXCM700**



**XLGNXLB10
+ XLGNXLB14C + XLGNXPM03**



XLGNXPM03



**XLGNXLB10
+ XLGNXPM03**

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