

# LGNXK8N4CT2TB

4K 8-channel NVR kit with 2TB hard drive, including 4 x CHROMAVIEW 4.1 MP turret cameras



## 4 x LGNXT04CVLWFB - 4.1 MP ChromaView Fixed Turret Network Camera



- *High-definition imaging with an 4.1 MP resolution*
- *Classification of human and vehicle targets through intelligent analysis*
- *ChromaView: 24/7 full-color imaging*
- *Warm light up to 30 m*
- *IP67 protection rating against water and dust*
- *Built-in microphone with audio and alarm interfaces*



## LGNX884KLN2T - 4K 8-Channel Network Video Recorder (NVR)



- *8 IP video channels up to 8 MP*
- *Video compression: H.265+/H.265/H.264+/H.264*
- *Incoming / outgoing bandwidth: 80 Mbps / 80 Mbps*
- *Simultaneous HDMI and VGA outputs, HDMI up to 4K*
- *8 independent PoE ports (total power budget: 96 W)*
- *Camera-based intelligent functions*



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

**Camera : LGNXT04CVLWFB - 4.1 MP ChromaView Lite Fixed Black Turret Network Camera**

**Camera**

**Image Sensor**

1/2.7" Progressive Scan CMOS

**Minimum Illumination**

0.004 lux at F1.0

**Illumination Distance**

IR: up to 30 m

**Smart IR**

Supported

**Strobe Light**

N/A

**Pan / Tilt / Rotation**

0° to 360° / 0° to 75° / 0° to 360°

**Lens**

**Focal Length**

2.8 mm

**Aperture**

F1.0

**Field of View**

*HORIZONTAL* : 101°

*VERTICAL* : 54°

*DIAGONAL* : 120°

**Mount**

M12

**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 6 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 4MP (2688 × 1520)

25 fps 3MP (2304 × 1296)

25 fps 1080P (1920 × 1080)

25 fps 1.3MP (1280 × 960)

25 fps 720P (1280 × 720)

**60Hz**

30 fps 4MP (2688 × 1520)

30 fps 3MP (2304 × 1296)

30 fps 1080P (1920 × 1080)

30 fps 1.3MP (1280 × 960)

30 fps 720P (1280 × 720)

**Sub Stream**

**50Hz**

25 fps D1 (704 × 576)

25 fps VGA (640 × 480)

25 fps CIF (352 × 288)

**60Hz**

30 fps D1 (704 × 480)

30 fps VGA (640 × 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**

24-7 Color

**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

**Camera : LGNXT04CVLWFB - 4.1 MP ChromaView Lite Fixed Black Turret Network Camera**

**Smart Features**

**Basic Events**

Motion detection, video tampering

**Smart Events**

Smart motion detection, line crossing, area intrusion, region entrance/exiting with human/vehicle filtering

**Face Detection**

N/A

**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**

IP address filtering, HTTP/HTTPS basic and digest authentication, TLS 1.1/1.2, WSSE

**Users**

10

**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 Mbps

**On-board Storage**

Up to 256 GB

**Microphone**

Supported

**Speaker**

N/A

**Audio Input / Output**

N/A

**Alarm Input / Output**

N/A

**Reset Button**

Supported

**General**

**Operating Conditions**

-40 °C to 60 °C

**Humidity**

≤ 95% non-condensing

**Power Supply**

DC12V ± 25%

**PoE**

802.3af

**Power Consumption**

Maximum 5.4W

**Protection**

IP67, 2kV

## Accessories



**XLGNXLB10 / XLGNXLB10B**  
Junction Box



**XLGNXPM03**  
Pole Mount

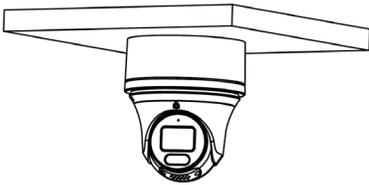


**XLGNXLB14C / XLGNXLB14CB**  
Wall Mount

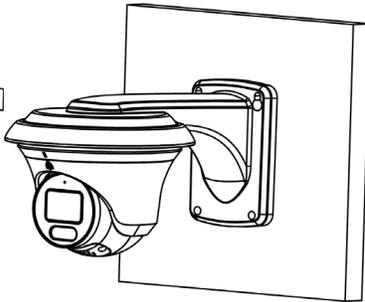


**XLGNXCM700**  
Pendant Mount

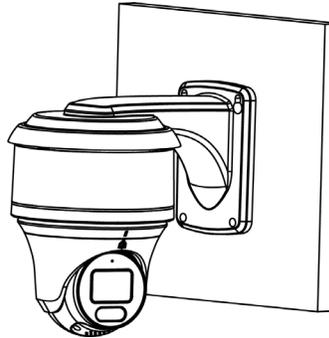
## Accessories Mount



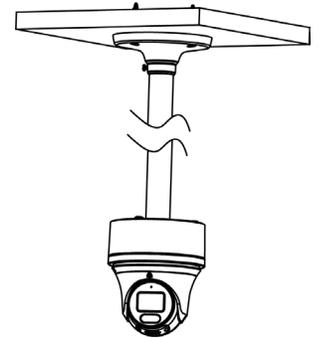
**XLGNXLB10**



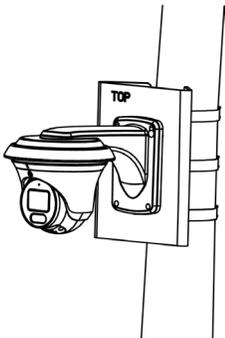
**XLGNXLB14C**



**XLGNXLB10  
+ XLGNXLB14C**



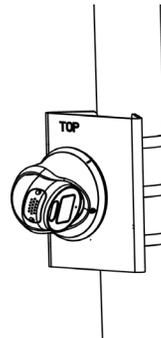
**XLGNXLB10  
+ XLGNXCM700**



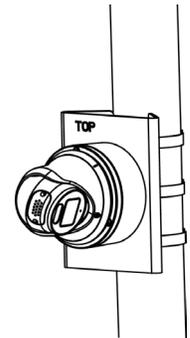
**XLGNXLB14C  
+ XLGNXPM03**



**XLGNXLB10  
+ XLGNXLB14C + XLGNXPM03**



**XLGNXPM03**



**XLGNXLB10  
+ XLGNXPM03**

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**Recorder:** LGNX884KLN2T - 4K 8-Channel Network Video Recorder (NVR) with 8 PoE ports, 2TB hard drive

## Video & Audio Input

### IP Video Input

8-ch

### Audio Input

1-ch, RCA

## Video & Audio Output

### HDMI

1-ch: 3840 × 2160 / 30 Hz, 1920 × 1080 / 60 Hz,  
1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz

### VGA

1-ch: 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz,  
1280 × 720 / 60 Hz

### Audio Output

1-ch, RCA

## Recording

### Compression

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

### Resolution

8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF

### Bit Rate

64 Kbps to 10 Mbps

## Playback & Backup

### Playback Resolution

8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF

### Decoding Capability

1-ch @ 8MP / 30 fps  
2-ch @ 6MP / 30 fps  
2-ch @ 5MP / 30 fps  
3-ch @ 4MP / 30 fps  
6-ch @ 1080P / 30 fps

### Synchronous Playback

8-ch

### Playback Mode

Smart / Normal / Time Division / Label / Event / Log playback

### Backup Mode

USB Device / Network

## Advanced Features

### Smart Detection

Area intrusion, line crossing, region entrance/region exiting, fast moving, object missing, unattended object, loitering detection, parking detection, face detection, people gathering detection, blurred detection, scene change detection, audio exception detection, human detection, vehicle detection, SMD, perimeter protection

### Smart Playback

Face detection / Line crossing / Area intrusion / Motion / Human / Vehicle detection

### Cloud Storage

Supported

### Cloud Upgrade

Supported

## Network

### Incoming Bandwidth

80 Mbps

### Outgoing Bandwidth

80 Mbps

### Ethernet

1 × RJ-45 10 / 100 / 1000 Mbps self-adaptive

### Network Compatibility

HTTPS, HTTP, TCP/IP, IPv4, UPnP, RTSP, UDP, SMTP, SNMP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF

### Smart Phone

iOS (iPhone, iPad), Android (Phone, Pad)

## Hard Disk

### SATA

1 × SATA interface

### Capacity

Up to 14 TB for each HDD

## External Interface

### PoE Interface

8 independent 10 / 100 Mbps PoE Ethernet interfaces

### USB Interface

Front panel: 1 × USB 2.0  
Rear panel: 1 × USB 2.0

**Recorder:** LGNX884KLN2T - 4K 8-Channel Network Video Recorder (NVR) with 8 PoE ports, 2TB hard drive

## General

### Power Supply

DC 48 V – 2.5 A

### Power Consumption

≤ 15 W (without HDD and PoE)

### Working Environment

-10 °C to +55 °C / 10 % to 90 % RH

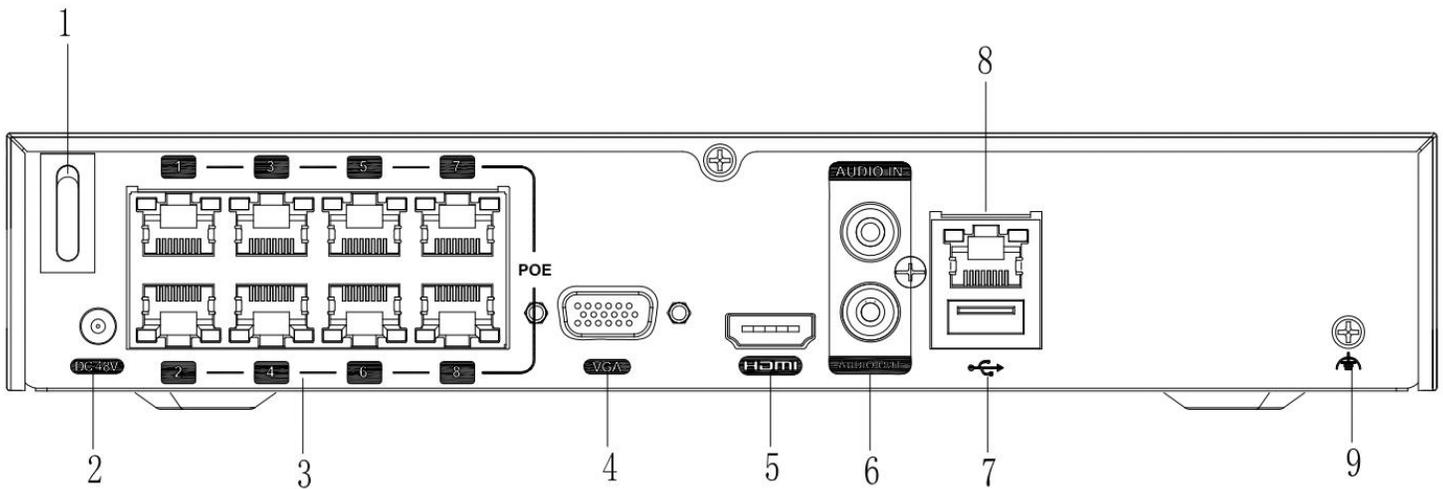
### Dimension (W × D × H)

250 × 230 × 45 mm

### Weight

1.7 kg

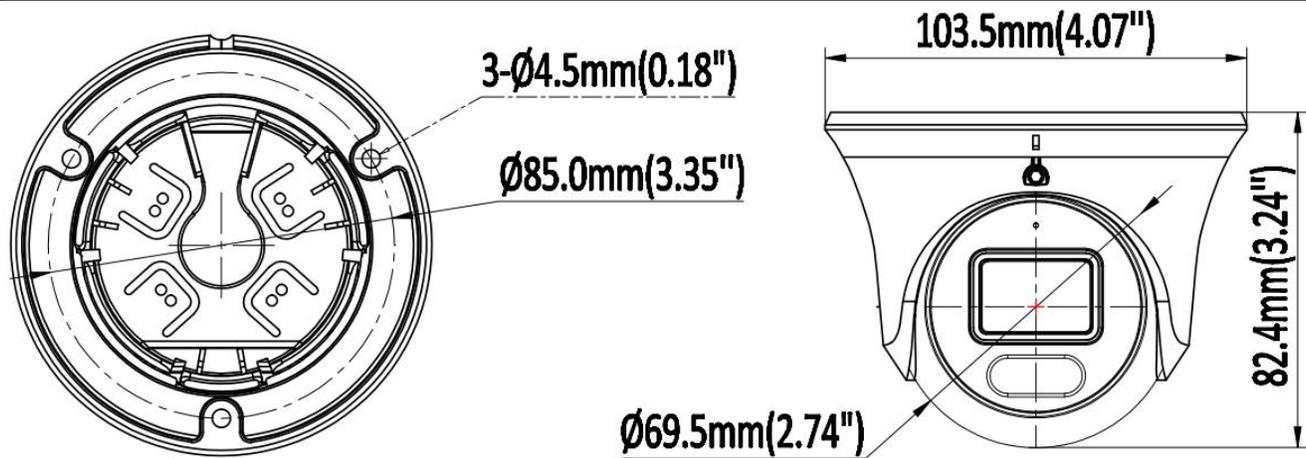
## Rear panel



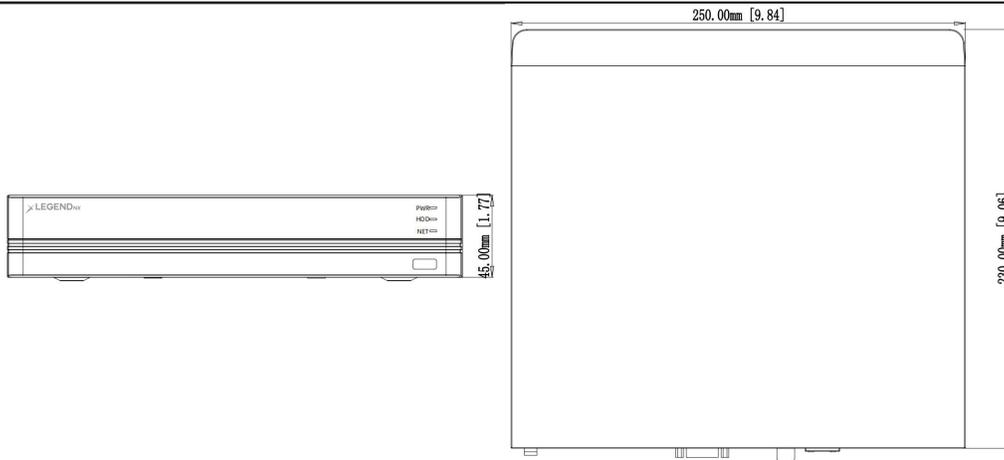
Part	Name	Part	Name
1	Power Switch	6	Audio IN/OUT RCA
2	Power Input	7	USB Port
3	POE Network Port	8	Network Port
4	VGA Port	9	Ground
5	HDMI Port		

**DIMENSIONS**

**Cameras - LGNXT04CVLWFB**



**Recorder - LGNX884KLN2T**



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