LEGEND NX

LGNXK8N6DBT2T

NX Kit: 8 Channel 2 TB 4K NVR Bundle with 6 x 5.1MP Black Turrets Cameras

NDAA Compliant

In short

This complete security camera kit includes 6 turret cameras with 5MP high-resolution imaging, smart human and vehicle detection, true 120 dB WDR, IP67 weather resistance, and built-in microphones. The 8-channel NVR supports up to 4K resolution with AI features such as perimeter protection and face detection. With 80 Mbps bandwidth, ONVIF/RTSP compatibility, and advanced H.265+ compression, it ensures efficient storage and seamless video management.

Camera : LGNXTO5DIWFB
5.1MP Fixed Turret Network Camera, Intelligent Dual Light Fixed Lens

- 5MP High-Resolution Imaging
- Smart target recognition of humans & vehicles powered by deep learning
- 120 dB true WDR Technology
- IP67: Water and dust resistant
- Built-in microphone
- Advanced H.265+ Compression

Built-in Mic · IP67 · WDR 120dB

NVR : LGNX884KLN2T
8 CHANNELS 4K NVR WITH 8 POE/2TB

- 8-Channels IP Video input, up to 8MP (4K)
- AI by Camera: SMD, perimeter protection, face detection, etc.
- Incoming & Outgoing bandwidth: 80Mbps
- Supports ONVIF & RTSP protocols
- VGA/HDMI Simultaneous video output, maximum resolution of HDMI is 4K
- H.265+/H.265

4K · AI · Smart Icon Search

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Technical Specifications

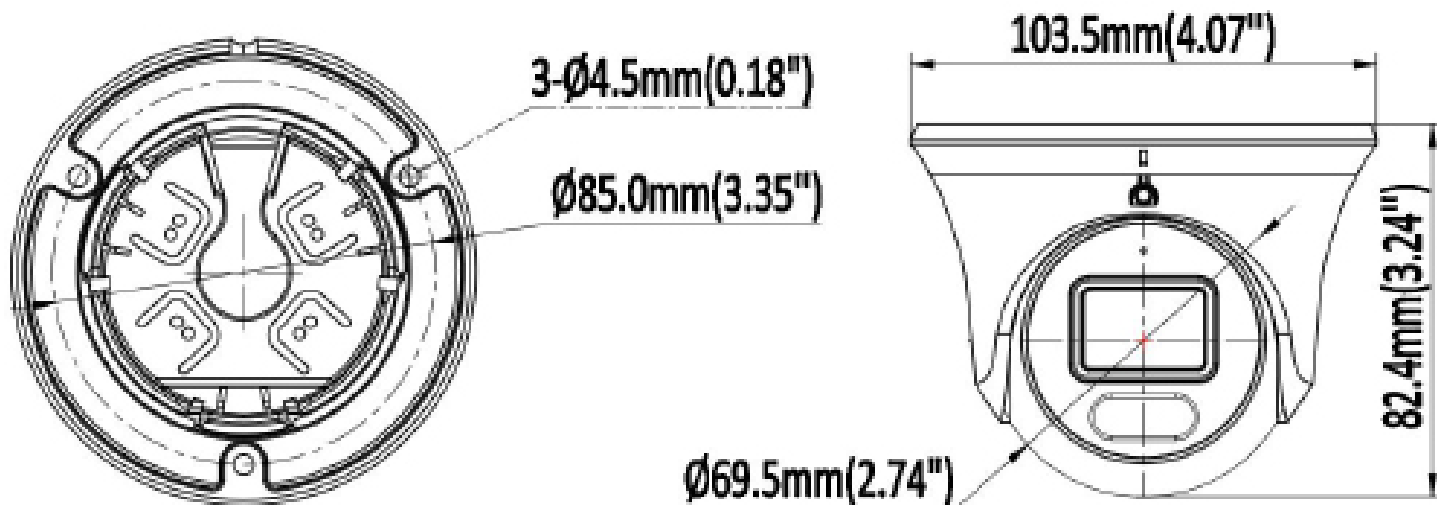| Camera: LGNXTO5DIWFB - 5.1MP Fixed Turret Network Camera	
Camera: LGNXTO5DIWFB	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor
Minimum Illumination	Color: 0.006 Lux (F1.6 , AGC ON) , 0 Lux with light
Illumination Range	30m / 98.43ft (IR light) 30m/98.43ft (Warm light)
Embedded Features	Built-in Mic, Built-on Reset, Smart IR Light, Illuminator (Warm Light)
External Features	DC12V ± 25%
Viewing Angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotation: 0° ~ 360°
Lens	
Focal Length	2.8mm
Aperture	F1.6
Field of View	2.8mm: Horizontal FOV: 114°, Vertical FOV: 61°, Diagonal FOV: 135°
Lens Mount	M12
Camera Image	
Maximum Resolution	5MP (2960 × 1664)
Frame Rate	**Main Stream**
	50Hz: 20fps 5MP (2960 × 1664), 25fps 4MP (2688 × 1520), 25fps 4M (2560 × 1440), 25fps 1080P (1920 × 1080)
	60Hz: 20fps 5MP (2960 × 1664), 30fps 4MP (2688 × 1520), 30fps 4M (2560 × 1440), 30fps 1080P (1920 × 1080)
	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	120 dB
Digital Noise Reduction	2D/3D DNR
Image Features	Backlight Compensation (BLC), Highlight Compensation (HLC), Region of Interest (ROI), Rotation, Defog
Compression	
Video Compression	H.265+ / H.265 /H.264+ / H.264 / MJPEG (sub stream)
H.265 Codec Profile	Main Profile
H.264 Codec Profile	Base / Main / High profile
Video Bit Rate	11 Kbps ~ 10 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps

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Technical Specifications

Camera: LGNXTO5DIWFB - 5.1MP Fixed Turret Network Camera	
Smart 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) and Scene Alteration Detection
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 authentication, IP address filtering, Video mask
Users	Maximum 40 users
Web Browsers	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Mobile Surveillance	iOS, Android
Hardware	
Ethernet	1 RJ45 10 M/100 M self-adaptive Ethernet port
Storage	Up to 256GB
General	
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%/ PoE (802.3 af)
Power Consumption	Less than 6W
Protection Level	IP67
Material	Metal
Dimensions	Φ 103.5 × 82.4 mm (Φ 4.07" × 3.24")
Weight	0.99lb / 450g

Dimensions

3-Ø4.5mm(0.18")
Ø85.0mm(3.35")
103.5mm(4.07")
82.4mm(3.24")
Ø69.5mm(2.74")

Camera: LGNXTO5DIWFB - 5.1MP Fixed Turret Network Camera

What you may need

XLGNXLB10B
Junction Box
Φ112.5 mm × 49.5mm

XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm

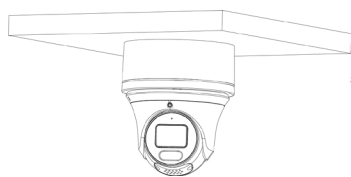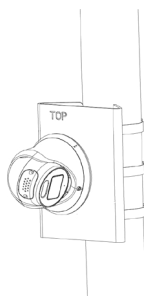**XLGNXLB14CB**
Wall Mount
Φ120mm × 105.8mm x 183.5mm

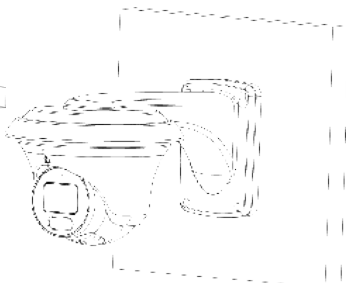**XLGNXCM700**
Pendant Mount Bracket
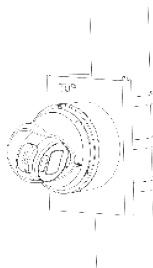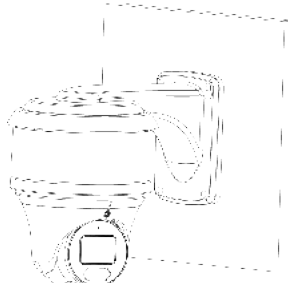Φ116 mm × 734.5 mm
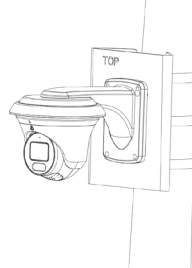
Accessories Mount

XLGNXLB10B

XLGNXLB14CB

**XLGNXLB10B +
XLGNXLB14CB**

**XLGNXLB10B +
XLGNXCM700**

XLGNXPM03
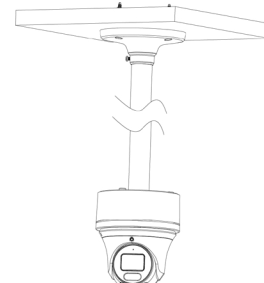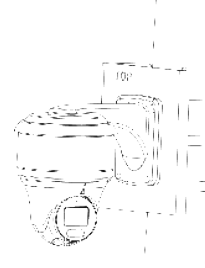
**XLGNXPM03 +
XLGNXLB10B**

**XLGNXPM03 +
XLGNXLB14CB**

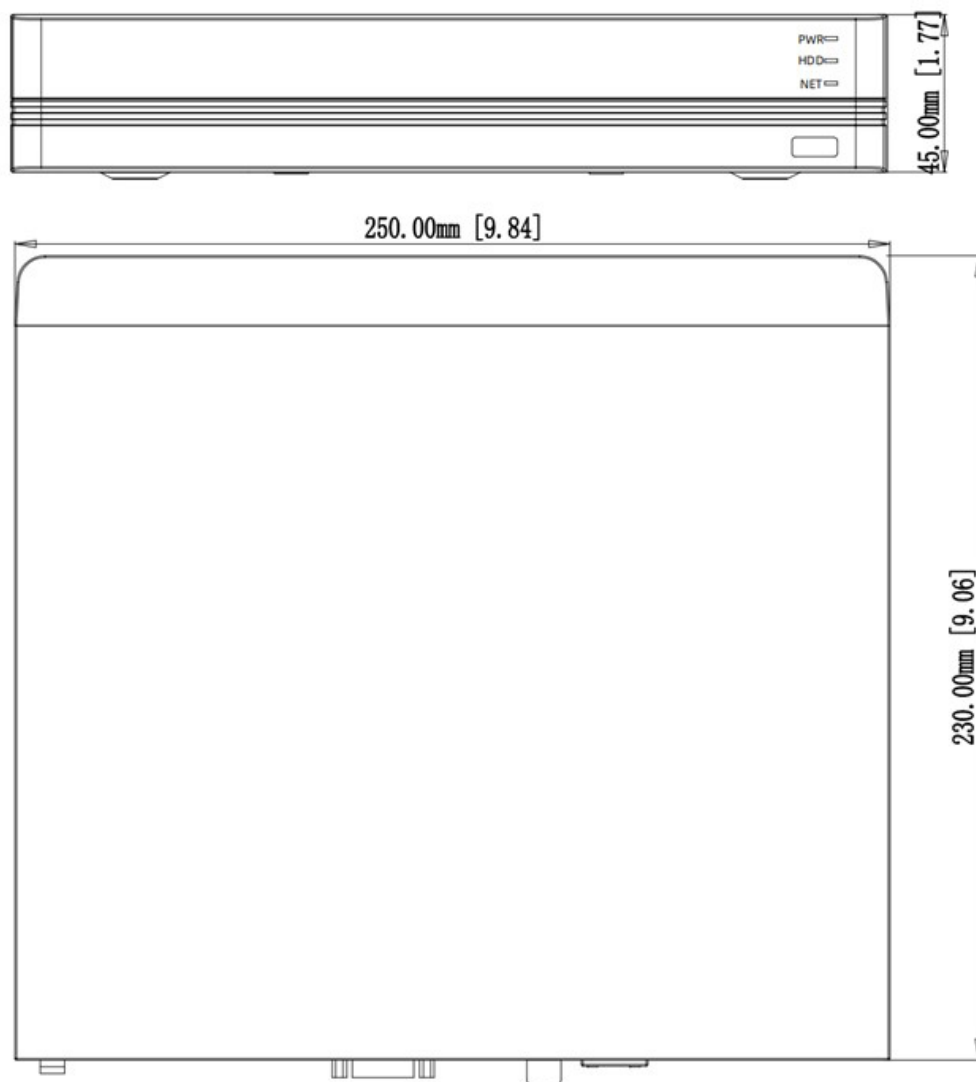**XLGNXPM03 + XLGNXLB10B +
XLGNXLB14CB**

*Design and specifications are subjects to change without notice.

Technical Specifications

NVR: LGNX884KLN2T 8 Channels 4K NVR with 8 POE/ 2TB	
Video and Audio Input	
IP Video Input	8-Channels
Audio Input	1-Channel, RCA
Video and Audio Output	
HDMI	1-Channel, Resolution : 4K (3840×2160) /30Hz, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz
VGA	1-Channel, Resolution: 1920×1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Audio Output	1-Channel, RCA
Recording	
Compression	H.265+/ H.265/ H.264+/ H.264
Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Bit Rate	64Kbps ~ 10Mbps
Playback and Backup	
Playback Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Decoding	1-Channel, 8MP @ 30fps 2-Channels, 6MP @ 30fps 2-Channels, 5MP @ 30fps 3-Channels, 4MP @ 30fps 6-Channels, 1080P @ 30fps
Synchronous Playback	8-Channels
Playback Mode	**Smart Playback:** Enhanced playback with advanced search features, such as motion or object detection for faster review
	Normal Playback: Standard, continuous playback of recorded footage
	Segmented Playback: Splits recorded footage into time segments for easier navigation
	Tagged Playback: Allows playback of video segments that have been labeled or tagged for easy access
	Event Playback: Focuses playback on recorded events like motion detection or alarms
	Log Playback: View recorded footage
Backup Mode	USB Device / Network
Advanced Features	
Smart Detection	Area intrusion, line crossing, region entry/exit, rapid movement, missing object, unattended object, loitering detection, parking detection, face detection, crowd gathering detection, blur detection, scene change detection, audio anomaly detection, human detection, vehicle detection, SMD (Smart Motion Detection), perimeter protection (PP).
Smart Playback	Face detection / Line crossing / Area intrusion / Motion detection / Human detection / Vehicle detection
Cloud Storage	Supported
Cloud Upgrade	Supported
Network	
Incoming Bandwith	80 Mbps
Outgoing Bandwidth	80 Mbps
Ethernet	1 RJ-45 10 /100 Mbps self-adaptive Ethernet interface
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)

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Technical Specifications

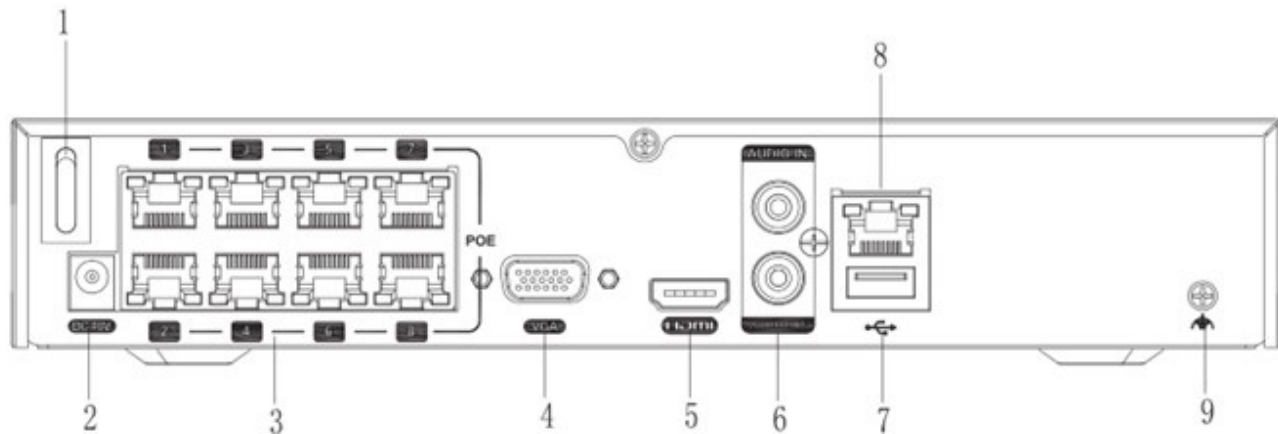| NVR: LGNX884KLN2T 8 Channels 4K NVR with 8 POE/ 2TB	
Hard Disk	
SATA	1 SATA interface
Capacity	Up to 14TB capacity for each HDD
External Interface	
POE Interface	8 independent 10 /100Mbps PoE Ethernet interfaces
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 2.0
POE Power	96W (each PoE port is max 30W)
General	
Power Supply	DC48V 2.5A
Power Consumption	≤15W (without HDD and POE)
Working Environment	-10°C ~ +55°C / 10% ~ 90% RH
Dimension (W×D×H)	250 x 230 x 45 mm (9.84" x 9.06" x 1.77")
Weight	3.74 lb / 1.7 Kg

Dimensions

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		

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