LEGEND NX

LGNX16164KLN2T

16 CHANNEL 4K NVR with 16 POE With 2 TB

NDAA Compliant

- 16-Channels IP Video input, up to 12MP
- AI by Camera: SMD, perimeter protection, face detection, etc.
- Incoming & Outgoing bandwidth : 160Mbps /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**

In short

This 16-channel NVR supports up to 12MP IP video input with AI features such as SMD, perimeter protection, and face detection for enhanced security. With 80Mbps bandwidth, 16 PoE ports, ONVIF & RTSP protocol support, and simultaneous 4K HDMI/VGA outputs, it ensures high-quality and efficient surveillance management.

Rear Panel
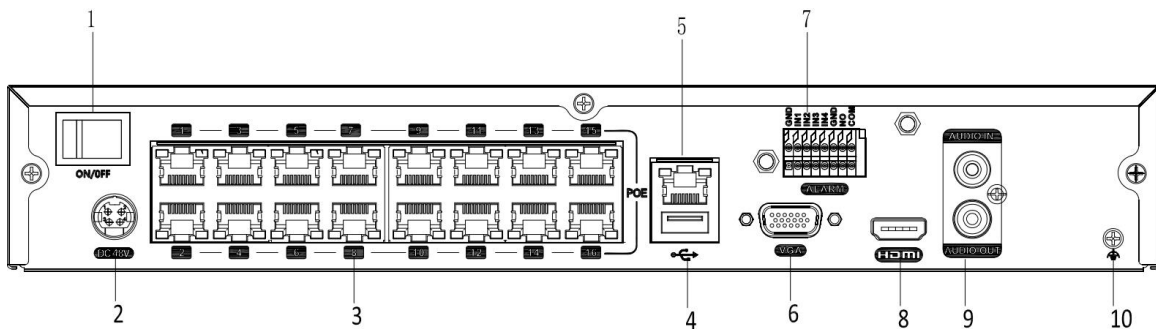
Part	Name	Part	Name
1	Power Switch	6	VGA Port
2	Power Input	7	Alarm Input
3	PoE Network Port	8	HDMI Port
4	USB Port	9	Audio IN/OUT RCA
5	Network Port	10	Ground

*Designs and specifications are subjects to change without notice.

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Technical Specifications

Video and Audio Input	
IP Video Input	16-Channels
Audio Input	1-Channel, RCA
Video and Audio Output	
HDMI	1-Channel: 4K (3840 × 2160)/30Hz, (1920 × 1080)/60Hz, (1280 × 1024)/60 Hz, (1280 × 720)/60Hz
VGA	1-Channel: 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	12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Bit Rate	64Kbps ~ 10Mbps
Playback and Backup	
Playback Resolution	12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Decoding	1-Channel @ 12M 2-Channels @ 8M 3-Channels @ 5M 8-Channels @ 1080P
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
	Alarm Log Playback: : Focuses playback on recorded events like motion detection or alarms
Backup Mode	USB Device / Network
Advanced Features	
Smart Detection	Advanced detection capabilities include Area Intrusion, Line Crossing, Region Entry/Exit, Rapid Movement, Object Removal, Unattended Object, Loitering, Parking, Face Detection, Crowd Gathering Detection, Blur Detection, Scene Change Detection, Audio Anomaly Detection, Human and Vehicle Detection, Smart Motion Detection (SMD), and 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	160 Mbps
Outgoing Bandwidth	80 Mbps
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)
Ethernet	1 RJ-45 10 /100 / 1000 Mbps Self-Adaptive Ethernet interface

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Technical Specifications

Hard Disk	
SATA	2 SATA interfaces
Capacity	Up to 14TB capacity for each HDD
External Interface	
POE Interface	16 independent 10 /100 Mbps PoE Ethernet interfaces
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 2.0
Alarm In	4-Channels
Alarm Out	1-Channel
General	
Power Supply	DC 54V/3.33A
Power Consumption	≤15W (without HDD and POE)
Working Environment	-10°C ~ +55°C (14°F ~ 131°F)/10% ~ 90%RH
Dimension (W×D×H)	326 x 243 x 52 mm (12.83" x 9.56" x 2.05")
Weight	2.6 Kg (5.73 lb)

Dimensions
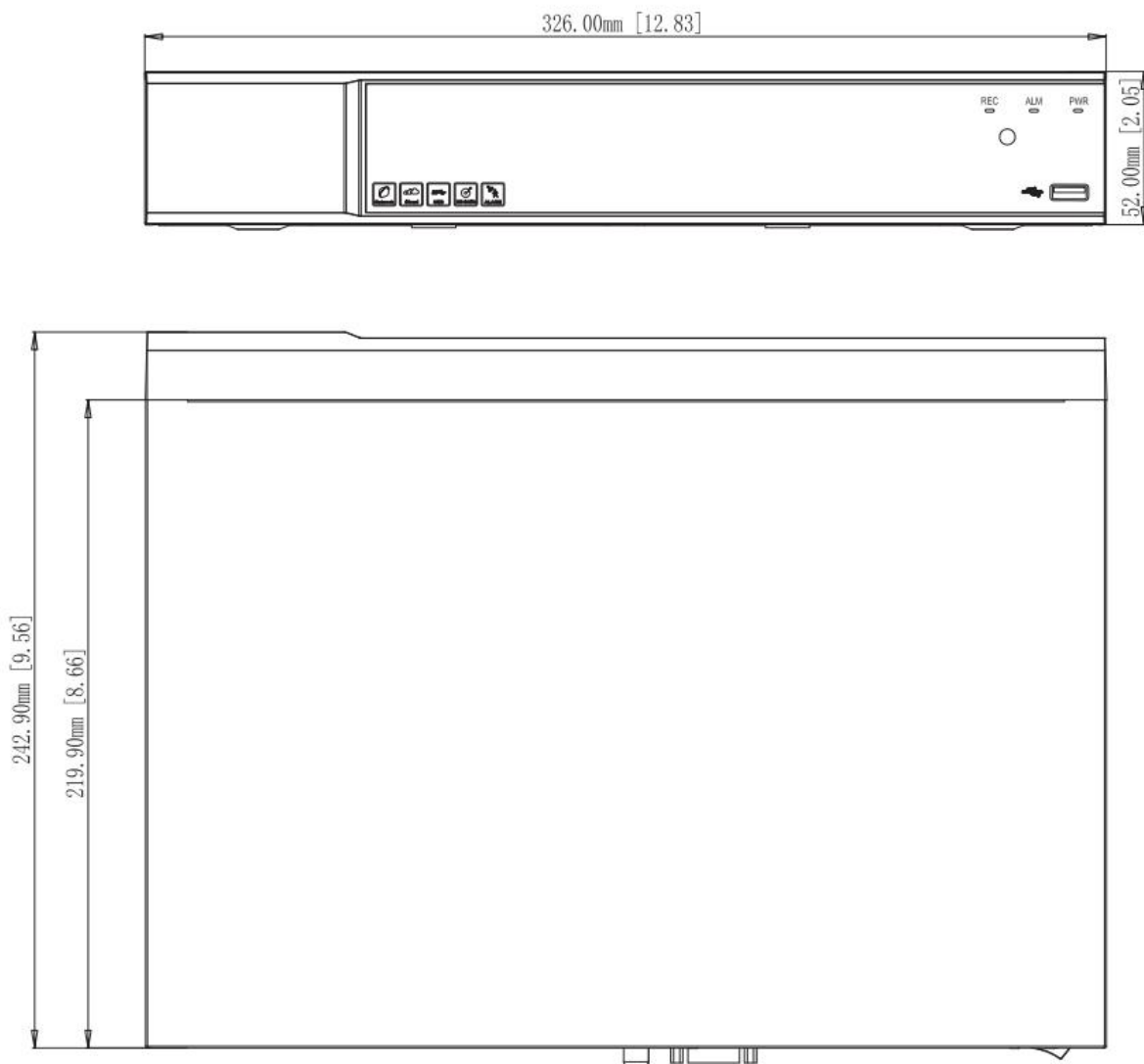
Ordering Information

Version	Description	Storage Size	UPC	HS
LGNX16164KLN2T	16 CHANNEL 4K NVR/16 POE W/2 TB	2 TB	685225507338	8521.00.00
LGNX16164KLN4T	16 CHANNEL 4K NVR/16 POE W/4 TB	4 TB	685225507345	8521.00.00
LGNX16164KLN6T	16 CHANNEL 4K NVR/16 POE W/6 TB	6 TB	685225507352	8521.00.00
LGNX16164KLN8T	16 CHANNEL 4K NVR/16 POE W/8 TB	8 TB	685225507369	8521.00.00
LGNX16164KLN10T	16 CHANNEL 4K NVR/16 POE W/10 TB	10 TB	685225507376	8521.00.00
LGNX16164KLN12T	16 CHANNEL 4K NVR/16 POE W/12 TB	12 TB	685225507383	8521.00.00
LGNX16164KLN16T	16 CHANNEL 4K NVR/16 POE W/16 TB	16 TB	685225507390	8521.00.00
LGNX16164KLN20T	16 CHANNEL 4K NVR/16 POE W/20 TB	20 TB	685225507406	8521.00.00

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