LEGEND NX
LGNX32164KN

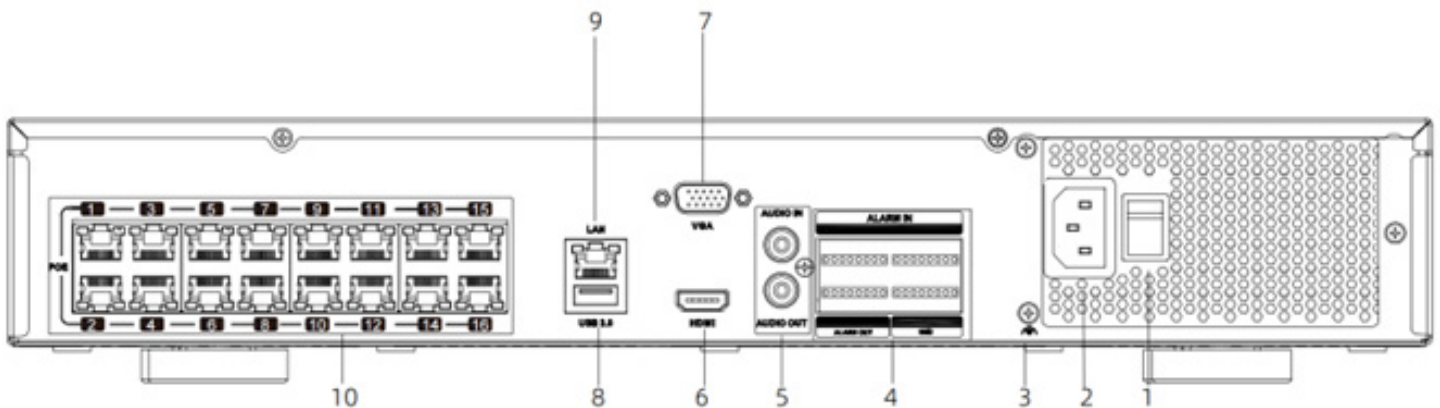## 32 Channels 4K NVR with 16 POE Ports

NDAA Compliant

- 32-Channels IP Video input, up to 12MP
- AI by Camera : SMD, perimeter protection, face detection
- Incoming & Outgoing bandwidth : 256Mbps
- Supports ONVIF & RTSP protocols
- 16 Ports POE
- Asynchronous HDMI / VGA outputs up to 4K
- H.265+/H.265

4K | Smart Icon Search

In short

This 32-channel NVR supports up to 12MP IP video input with advanced AI features like SMD, perimeter protection, and face detection, delivering high-performance surveillance. With a 256Mbps bandwidth, 16 PoE ports, ONVIF & RTSP compatibility, and 4K asynchronous HDMI/VGA outputs, it ensures seamless and efficient video management with H.265+/H.265 compression.

Rear Panel

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

*Designs and specifications are subjects to change without notice.

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Technical Specifications

Video and Audio Input	
IP Video Input	32-Channels
Audio Input	1-Channel, RCA (Linear, 1kΩ)

Video and Audio Output		
Video Output Mode	1-Channel HDMI & 1-Channel VGA video output	
	Simultaneous	Maximum resolution HDMI: 4K VGA 1: 1080p
	Heterolous	Heterologous video source output for HDMI1 and VGA1 Maximum resolution HDMI: 4K VGA 1: 1080p
Audio Output	1-Channel, RCA (Linear, 1kΩ)	

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 / 5 MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Decoding	2-Channels @ 12M 20fps 4-Channels @ 8M 30fps 6-Channels @ 5M 30fps 8-Channels @ 4M 30fps 16-Channels @ 1080P 30fps
Synchronous Playback	16-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 / eSATA

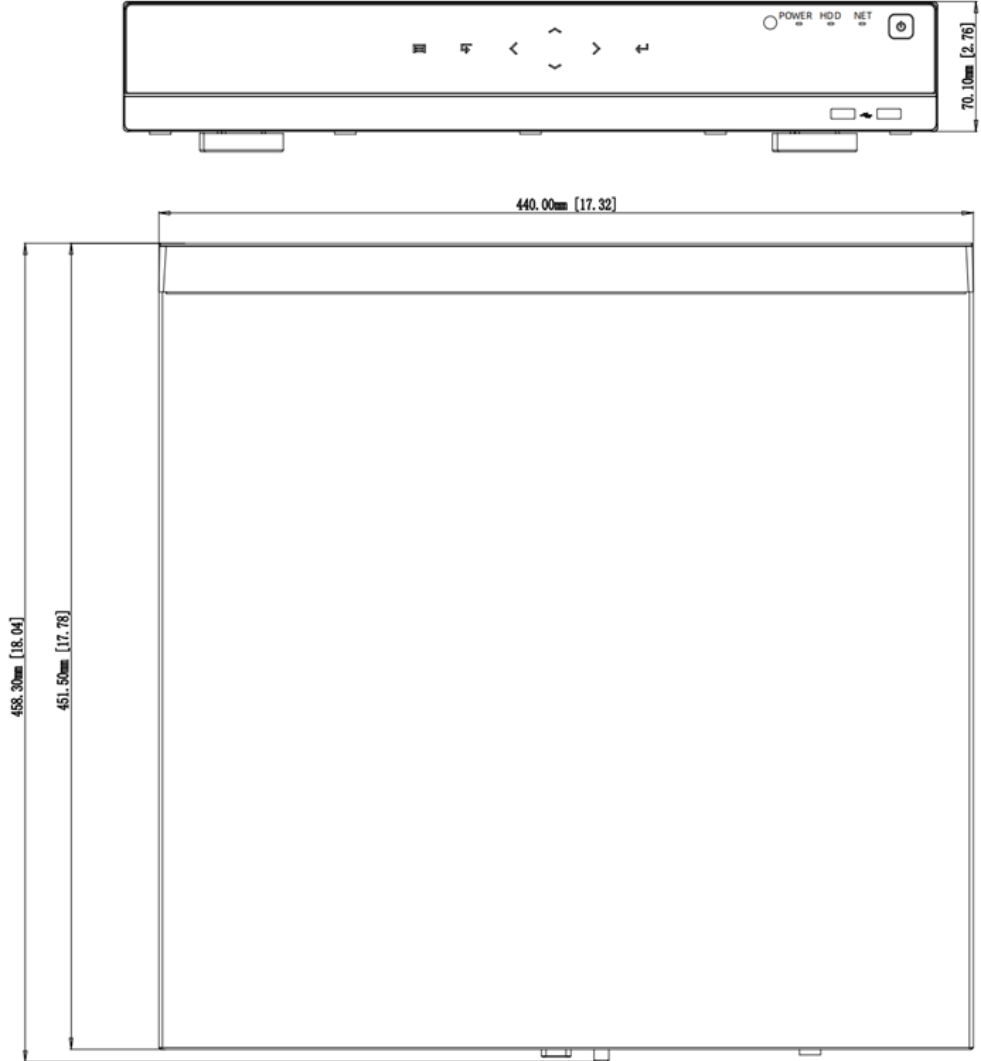| Advanced Features	
Smart Detection	Area Intrusion, Line crossing, Region Entrance/Exiting, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred detection, Scene change detection, Audio exception detection, Human Detection, Vehicle Detection, SMD, PP
Smart Playback	Face detection / Line Crossing / Area Intrusion / Motion Detection / Human Detection / Vehicle Detection
Cloud Storage	Supported
Cloud Upgrade	Supported

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Technical Specifications

Network	
Incoming Bandwith	256 Mbps
Outgoing Bandwidth	256 Mbps
Ethernet	1 RJ-45 10/100/1000Mbps 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)
Hard Disk	
SATA	4 SATA Interfaces
Capacity	Up to 18TB capacity for each HDD
External Interface	
POE Interface	16 independent 10/100Mbps PoE Ethernet interfaces
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 1 × USB 3.0
eSata	1 x eSATA
RS485	2
Alarm In	16-Channels
Alarm Out	4-Channels
General	
Power Supply	AC 100 ~ 240V
Power Consumption	≤20W (without HDD and POE)
Working Environment	-10°C ~ +55°C (14°F ~ 131°F) /10% ~ 90% RH
Dimension (W × D × H)	440 × 448 × 70 mm (17.32" × 17.64" × 2.76")
Weight	14.10 lb / 6.4Kg

Dimensions

440.00mm [17.32]

70.10mm [2.76]

458.30mm [18.04]

451.50mm [17.78]

POWER HDD NET

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Ordering Information

Version	Description	Storage Size	UPC	HS
LGNX32164KN4T	32 CHANNEL 4K NVR W/16 POE PORTS W/4 TB	4 TB	685225309390	8521.00.00
LGNX32164KN8T	32 CHANNEL 4K NVR W/16 POE PORTS W/8 TB	8 TB	685225309406	8521.00.00
LGNX32164KN10T	32 CHANNEL 4K NVR W/16 POE PORTS W/10 TB	10 TB	685225309413	8521.00.00
LGNX32164KN12T	32 CHANNEL 4K NVR W/16 POE PORTS W/12 TB	12 TB	685225309420	8521.00.00
LGNX32164KN16T	32 CHANNEL 4K NVR W/16 POE PORTS W/16 TB	16 TB	685225309437	8521.00.00
LGNX32164KN20T	32 CHANNEL 4K NVR W/16 POE PORTS W/20 TB	20 TB	685225309444	8521.00.00
LGNX32164KN24T	32 CHANNEL 4K NVR W/16 POE PORTS W/24 TB	24 TB	685225309451	8521.00.00
LGNX32164KN28T	32 CHANNEL 4K NVR W/16 POE PORTS W/28 TB	28 TB	685225309468	8521.00.00
LGNX32164KN32T	32 CHANNEL 4K NVR W/16 POE PORTS W/32 TB	32 TB	685225309475	8521.00.00
LGNX32164KN36T	32 CHANNEL 4K NVR W/16 POE PORTS W/36 TB	36 TB	685225309482	8521.00.00
LGNX32164KN40T	32 CHANNEL 4K NVR W/16 POE PORTS W/40 TB	40 TB	685225309499	8521.00.00