

LEGEND^{NX}

LGNX16164KN

16 CHANNEL 4K NVR with 16 POE

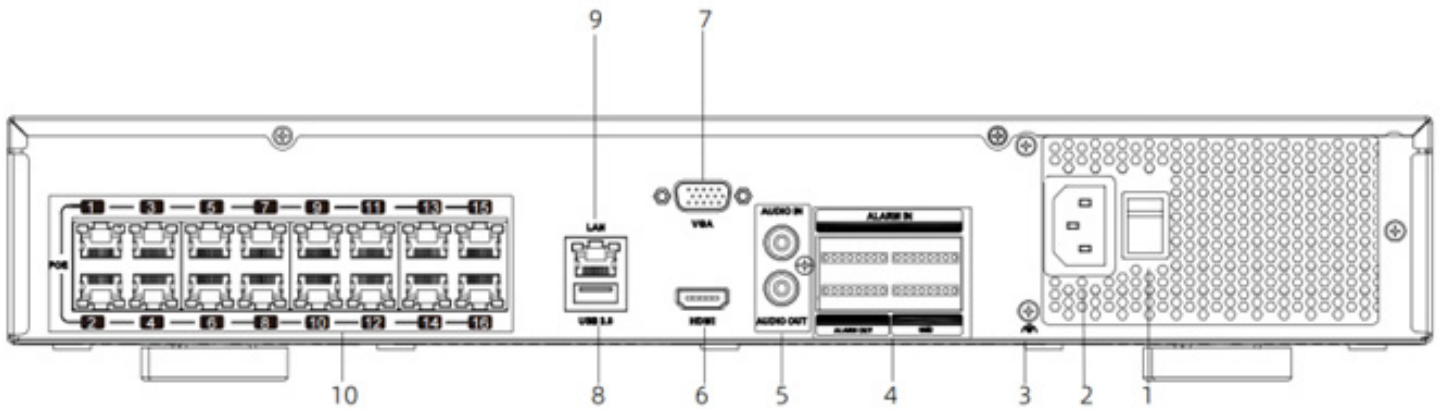
- 16-Channels IP Video input, up to 12MP
- AI by Camera: SMD, perimeter protection, face detection, etc.
- Incoming & Outgoing bandwidth : 160M / 80M
- Supports ONVIF & RTSP protocols
- VGA/HDMI Simultaneous video output, maximum resolution of HDMI is 4K
- 16 Ports POE
- Rack mountable; mounting ears included



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

*Designs and specifications are subjects to change without notice.

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
Audio Output	1-Channel, RCA
Playback and Backup	
Playback Resolution	12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Decoding	1-Channel @ 12M 20fps 2-Channels @ 8M 30fps 3-Channels @ 5M 30fps 4-Channels @ 4M 30fps 8-Channels @ 1080P 30fps 16-Channels @ 720P 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
	Event Playback: Focuses playback on recorded events like motion detection or alarms
	Picture Playback: View recorded footage in still image format for detailed inspection
Backup Mode	USB Device / Network
Advanced Features	
Smart Detection (AI on Camera)	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 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)

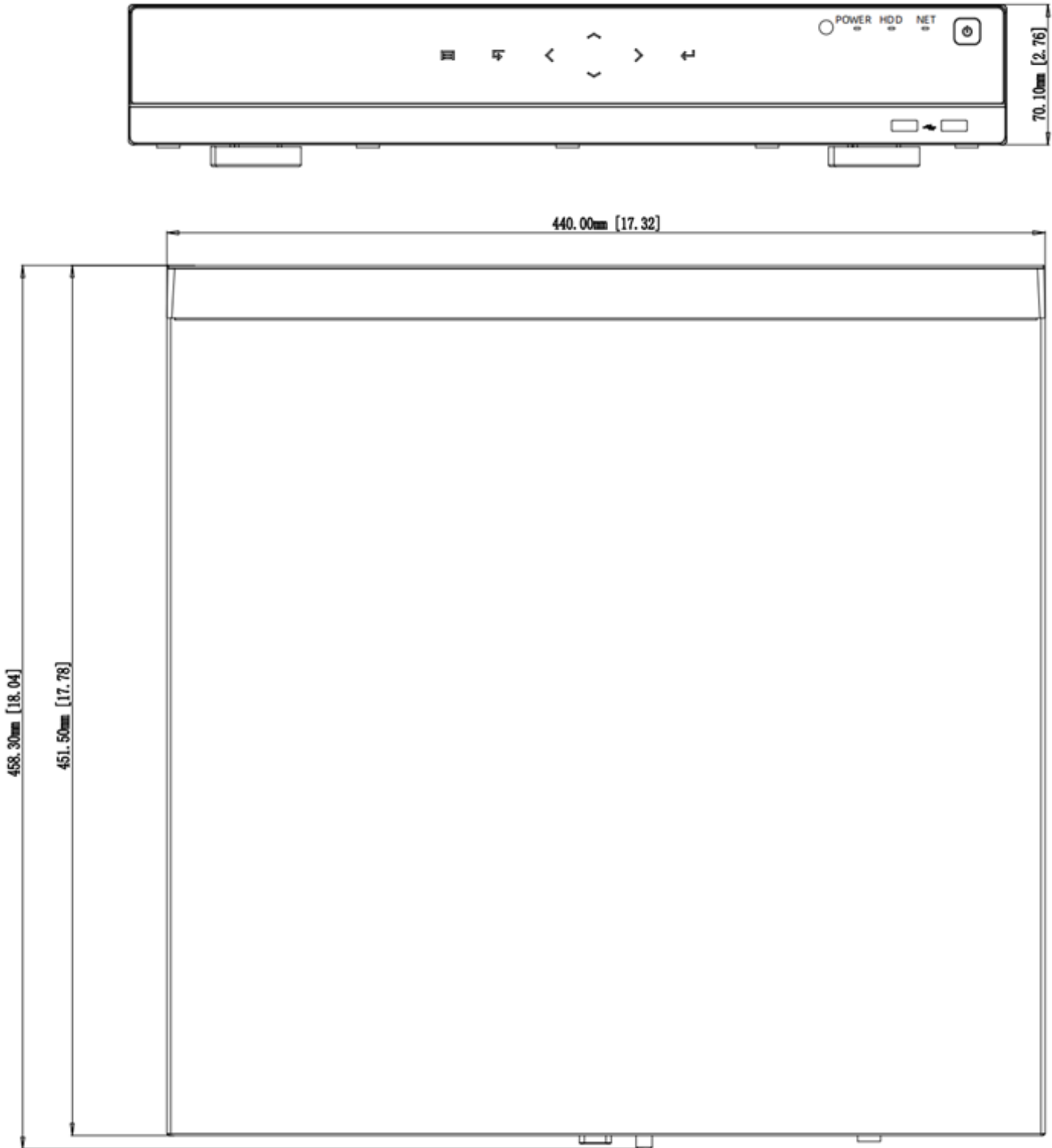
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Technical Specifications

Network	
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	80 Mbps
Ethernet	1 RJ-45 10 /100 / 1000 Mbps Self-Adaptive Ethernet interface
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-Channels
General	
Power Supply	AC 100 ~ 240V
Power Consumption	≤15W (without HDD and POE)
Working Environment	-10°C ~ +55°C (14°F ~ 131°F)/10% ~ 90%RH
Dimension (W×D×H)	380 × 305 × 45 mm (14.96" × 12.00" × 1.77")
Weight	7.93 lb / 3.6 Kg

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Dimensions



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