

# LEGEND<sup>NX</sup>

## LGNX16164KN



### 16 CHANNEL 4K NVR with 16 POE

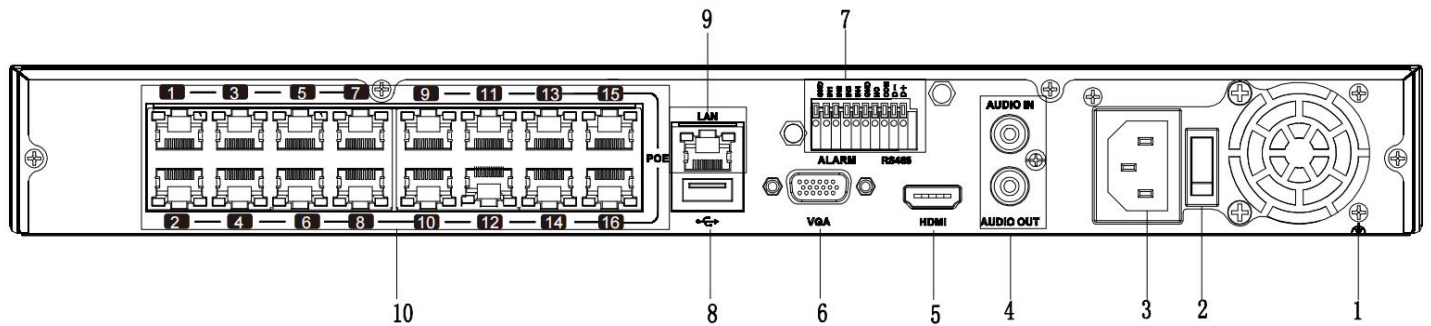
- 16-Channels IP Video input, up to 12MP
- AI by Camera: SMD, perimeter protection, face detection, etc.
- Incoming & Outgoing bandwidth : 160Mbps /80Mbps
- Supports ONVIF & RTSP protocols
- VGA/HDMI Simultaneous video output, maximum resolution of HDMI is 4K
- H.265+/H.265



### 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
Bit Rate	64Kbps ~ 10Mbps
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	<b>Smart Playback:</b> Enhanced playback with advanced search features, such as motion or object detection for faster review
	<b>Normal Playback:</b> Standard, continuous playback of recorded footage
	<b>Segmented Playback:</b> Splits recorded footage into time segments for easier navigation
	<b>Tagged Playback:</b> Allows playback of video segments that have been labeled or tagged for easy access
	<b>Alarm Log Playback:</b> 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

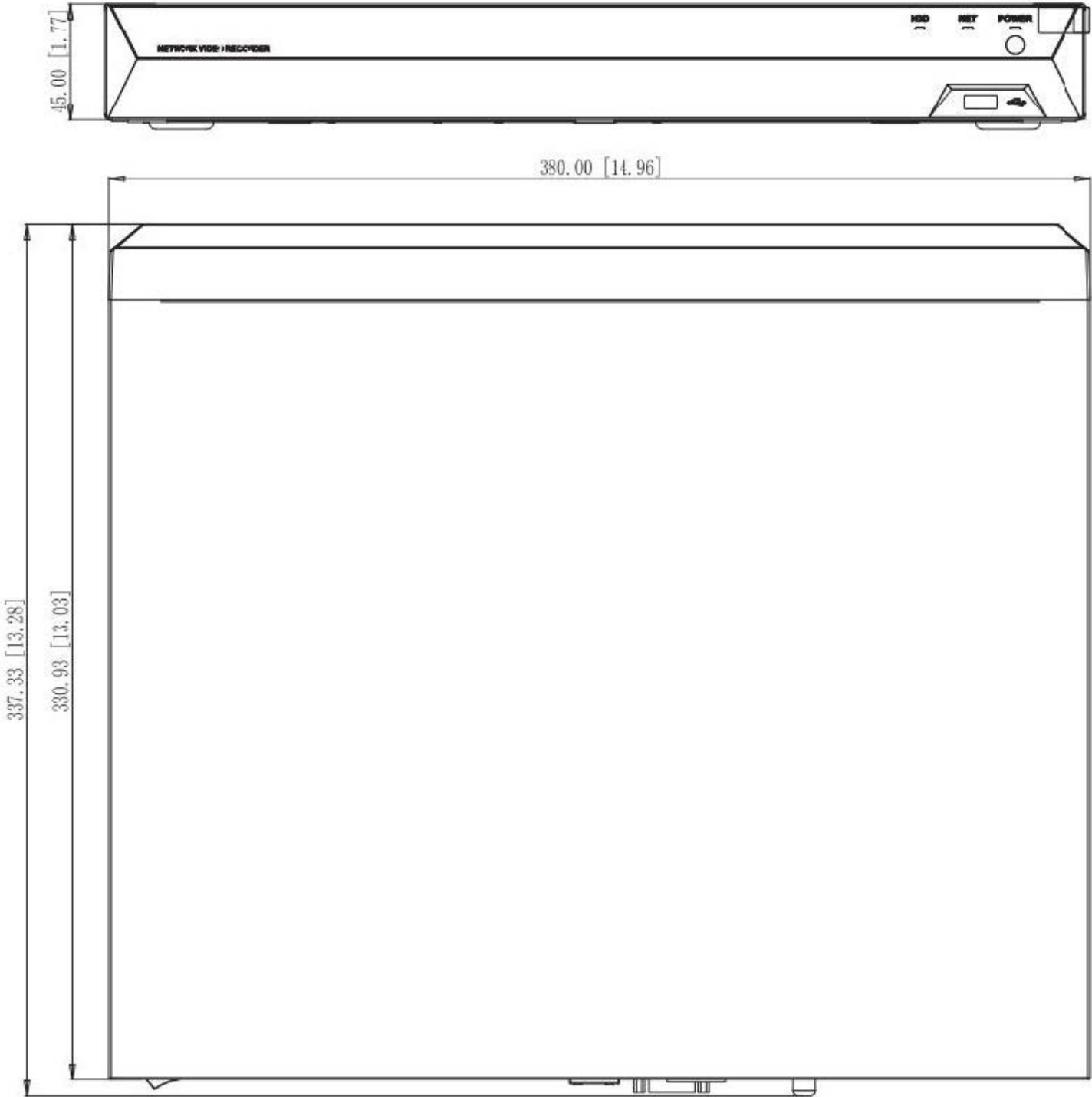
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## Technical Specifications

Network	
Incoming Bandwidth	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
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	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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# Ordering Information

Version	Description	Storage Size	UPC	HS
LGNX16164KN2T	16 CHANNEL 4K NVR/16 POE W/2 TB	2 TB	685225309321	8521.00.00
LGNX16164KN4T	16 CHANNEL 4K NVR/16 POE W/4 TB	4 TB	685225309338	8521.00.00
LGNX16164KN6T	8 16 CHANNEL 4K NVR/16 POE W/6 TB	6 TB	685225309345	8521.00.00
LGNX16164KN8T	16 CHANNEL 4K NVR/16 POE W/8 TB	8TB	685225309987	8521.00.00
LGNX16164KN10T	16 CHANNEL 4K NVR/16 POE W/10 TB	10 TB	685225309352	8521.00.00
LGNX16164KN12T	16 CHANNEL 4K NVR/16 POE W/12 TB	12 TB	685225309369	8521.00.00
LGNX16164KN16T	16 CHANNEL 4K NVR/16 POE W/16 TB	16 TB	685225309376	8521.00.00
LGNX16164KN20T	16 CHANNEL 4K NVR/16 POE W/20 TB	20 TB	685225309383	8521.00.00

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