

# LEGEND<sup>NX</sup>

## LGX324KN

### 32 Channels 4K NVR



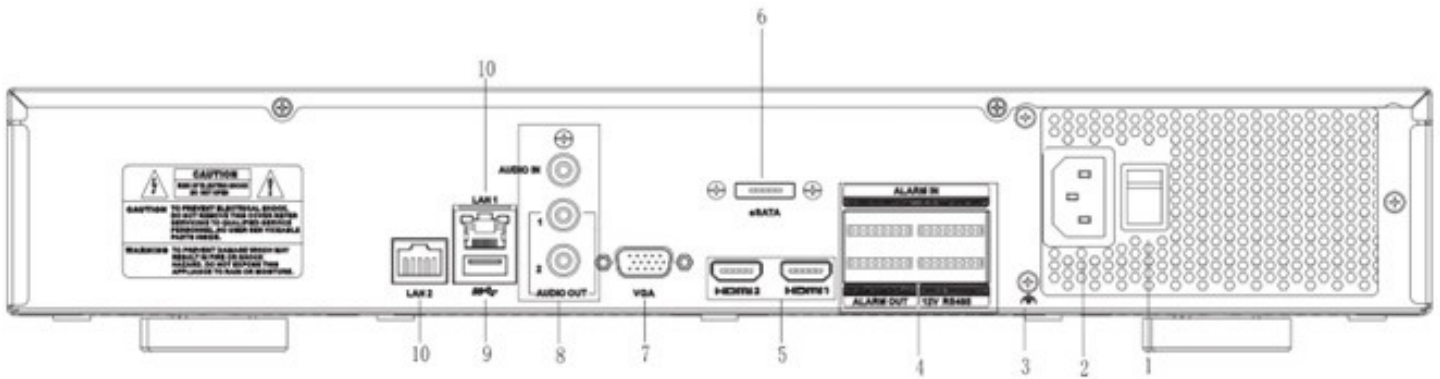
- 32-Channels IP Video input, up to 12MP
- AI by Camera : SMD, perimeter protection, face detection
- Incoming & Outgoing bandwidth : 256Mbps
- Supports ONVIF & RTSP protocols
- Asynchronous HDMI 1/ HDMI 2 outputs up to 4K
- H.265+/H.265



### In short

This 32-channel IP video recorder supports up to 12MP resolution with H.265+/H.265 compression, offering 256Mbps bandwidth for smooth video streaming. It features advanced AI functions like SMD, perimeter protection, and face detection, along with asynchronous 4K HDMI outputs and compatibility with ONVIF and RTSP protocols.

## Rear Panel



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

\*Designs and specifications are subjects to change without notice.

## Technical Specifications

Video and Audio Input				
IP Video Input	32-Channels			
Audio Input	1-Channel, RCA			
Video and Audio Output				
HDMI	HDMI 1: 4K (3840 × 2160) /30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI 2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz			
VGA	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz			
Video Output Mode	1-Channel VGA & 2-Channel HDMI video output			
	<table border="1"> <tr> <td>Simultaneous</td> <td>HDMI 1 Maximum Resolution: 4K HDMI 2 Maximum Resolution: 1080P VGA Maximum Resolution: 1080P</td> </tr> <tr> <td>Heterologous</td> <td>HDMI 1 Maximum Resolution: 4K HDMI 2 Maximum Resolution: 1080P VGA Maximum Resolution: 1080P Simultaneous video source output for HDMI1 and VGA1 Heterologous video source output for HDMI1 and HDMI2</td> </tr> </table>	Simultaneous	HDMI 1 Maximum Resolution: 4K HDMI 2 Maximum Resolution: 1080P VGA Maximum Resolution: 1080P	Heterologous
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Audio Output	2-Channels, RCA			
Recording				
Compression	H.265+ / H.265 / H.264+ / H.264			
Resolution	12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF			
Playback and Backup				
Playback Resolution	12MP / 8MP / 5MP / 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-Channel			
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>Event Playback:</b> Focuses playback on recorded events like motion detection or alarms			
	<b>Picture Playback:</b> View recorded footage in still image format for detailed inspection			
Backup Mode	USB Device / Network / eSATA			

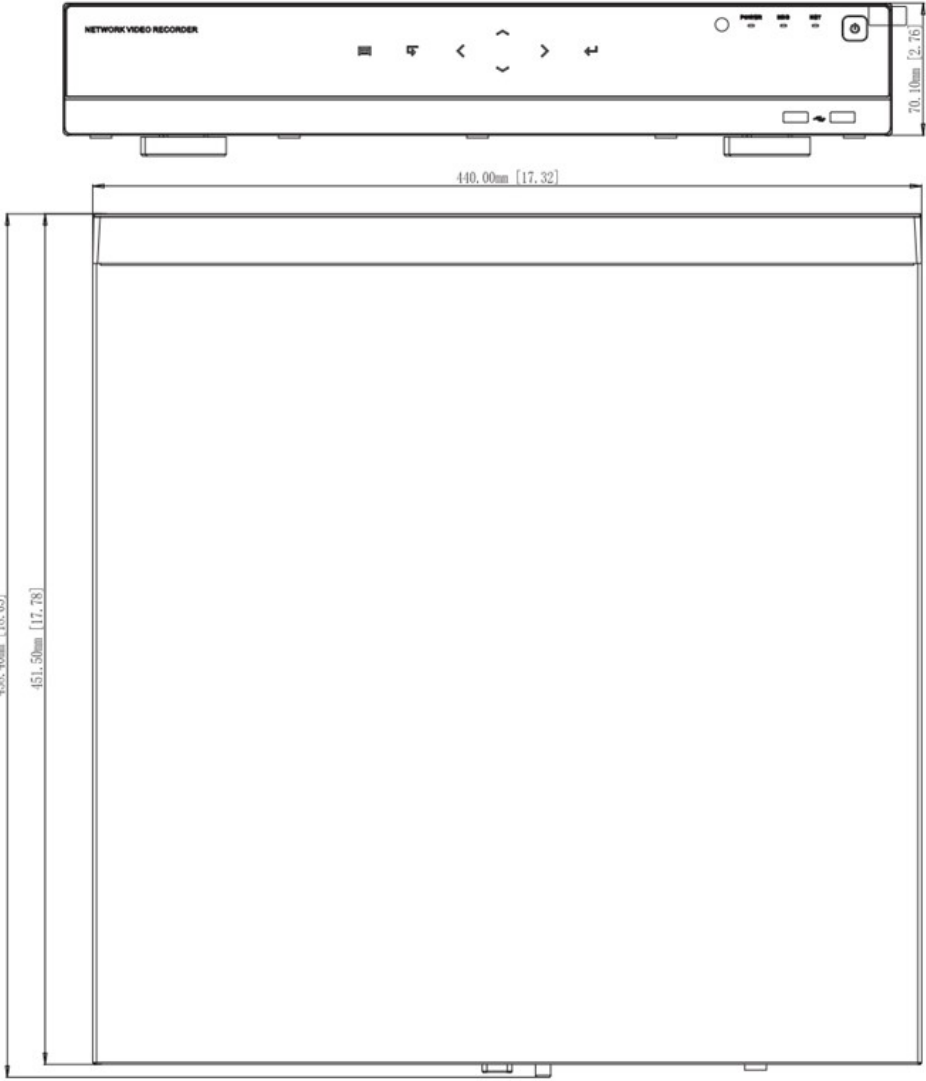
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## Technical Specifications

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 Bandwidth	256 Mbps
Outgoing Bandwidth	256 Mbps
Ethernet	2 RJ-45 10 /100 / 1000 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)
Hard Disk	
SATA	4 SATA interfaces
Capacity	Up to 18TB capacity for each HDD
External Interface	
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	13.44 lb / 6.1 Kg

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# Dimensions



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