LGNX324KN

32 Channel 1.5U 4HDD 4K Network Video Recorder

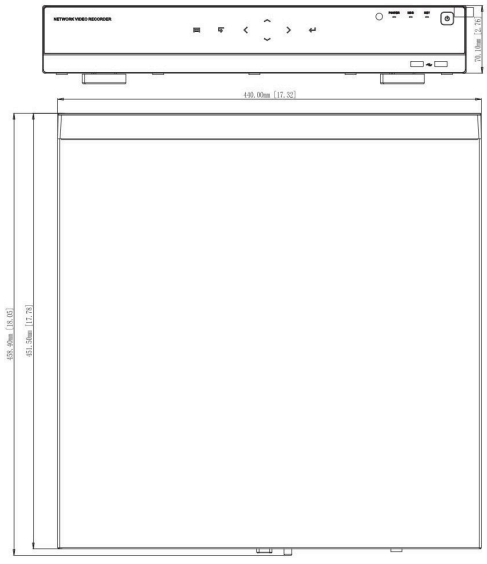


32 CH	2× HDMI	4K	4 HDD	256 Mbps
IP Input	Outputs	HDMI Output	SATA Bays	Bandwidth

In Short

This 32-channel 1.5U network video recorder supports IP cameras up to 12MP with 256 Mbps of incoming and outgoing bandwidth and H.265+ compression. Two HDMI outputs (up to 4K) and one VGA output support simultaneous or heterologous display, while 16-channel synchronous playback, four SATA bays (up to 18 TB each) and eSATA backup provide ample capacity. Dual Gigabit Ethernet ports, 16 alarm inputs, 4 alarm outputs, RS-485, ONVIF and RTSP compatibility, third-party cloud backup and mobile access make it ideal for larger systems using external PoE switches.

Dimensions



*Design and specifications are subject to change without notice - Version 2026-11-09.

TECHNICAL SPECIFICATIONS

Ordering Information	
Part Number	LGNX324KN
Pre-installed HDD	LGNX324KN4T (4 TB), LGNX324KN8T (8 TB), LGNX324KN10T (10 TB)
	LGNX324KN12T (12 TB), LGNX324KN16T (16 TB), LGNX324KN20T (20 TB)
	LGNX324KN24T (24 TB), LGNX324KN28T (28 TB), LGNX324KN32T (32 TB)
	LGNX324KN36T (36 TB), LGNX324KN40T (40 TB)
Video & Audio Input	
IP Video Input	32-ch, up to 12MP
Audio Input	1-ch, RCA
Video & Audio Output	
Video Output	1-ch VGA, 2-ch HDMI
Video Output Mode	Simultaneous: max. resolution of HDMI1 is 4K, max. resolution of HDMI2 is 1080p, max. resolution of VGA1 is 1080p
	Heterologous: simultaneous video source output for HDMI1 and VGA1, heterologous video source output for HDMI1 and HDMI2; max. resolution of HDMI1 is 4K, HDMI2 and VGA1 is 1080p
Audio Output	2-ch, RCA
Recording	
Compression	H.265+ / H.265 / H.264+ / H.264
Resolution	12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Playback & Backup	
Playback Resolution	12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Decoding Capability	2-ch @ 12MP 20fps
	4-ch @ 8MP 30fps
	6-ch @ 5MP 30fps
	8-ch @ 4MP 30fps
	16-ch @ 1080P 30fps
Synchronous Playback	16-ch
Playback Mode	Smart Playback / Normal / Time Division / Label / Event / Picture Playback
Backup Mode	USB Device / Network / eSATA
Smart Features	
Smart Detection (by Camera)	Area Intrusion, Line Crossing, Region Entrance / Region Exiting, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred Detection, Scene Change Detection, Audio Exception Detection, SMD, PP

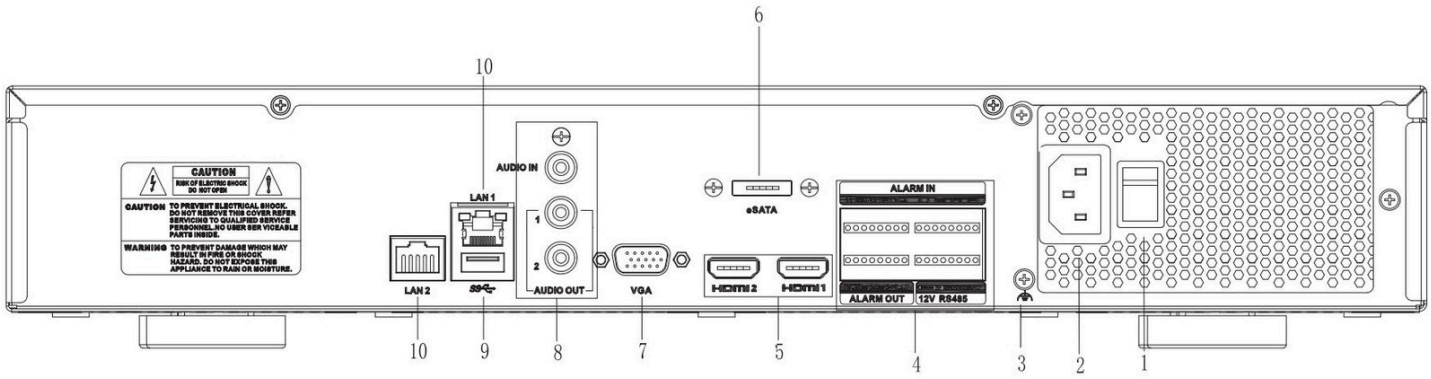
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TECHNICAL SPECIFICATIONS

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 interfaces
Protocols	HTTPS, HTTP, TCP/IP, IPv4, UPnP, RTSP, UDP, SMTP, SNMP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF
Mobile	iOS (iPhone, iPad), Android (Phone, Pad)
Hard Disk	
SATA	4 SATA interfaces
Capacity	Up to 18 TB per HDD
External Interface	
USB Interface	Front panel: 2 × USB 2.0 | Rear panel: 1 × USB 3.0
eSATA	1 × eSATA
RS-485	2
Alarm Input	16-ch
Alarm Output	4-ch
General	
Power Supply	AC 100V to 240V
Power Consumption	≤ 20W (without HDD)
Operating Conditions	-10°C to +55°C (14°F to 131°F), 10% to 90% RH
Dimensions (W × D × H)	440 × 448 × 70 mm (17.32" × 17.64" × 2.76")
Weight	6.1 kg (13.44 lb)

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Rear Panel



No.	Description	No.	Description
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

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