LGNX884KN

8 Channel 1U 1HDD 4K PoE Network Video Recorder

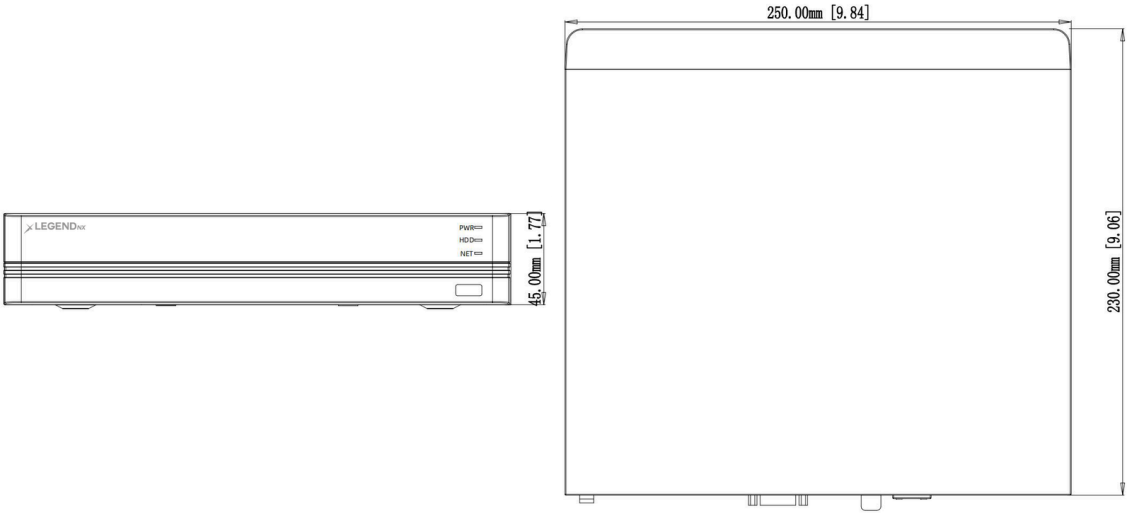


8	8	4K	1	H.265+
CH	PoE	HDMI	HDD	
IP Input	PoE Ports	HDMI Output	SATA Bay	Compression

In Short

This 8-channel 1U network video recorder supports IP cameras up to 12MP and powers them directly through 8 built-in PoE ports. With H.265+ compression that reduces storage requirements by up to 75%, 80 Mbps of incoming bandwidth, simultaneous HDMI (up to 4K) and VGA outputs, 8-channel synchronous playback and one SATA bay for up to 14 TB, it delivers complete recording in a compact footprint. Smart search and playback of human and vehicle events from AI cameras, ONVIF and RTSP compatibility, third-party cloud backup and mobile access make it a dependable choice for small business and residential installations.

Dimensions



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

TECHNICAL SPECIFICATIONS

Ordering Information	
Part Number	LGNX884KN
Pre-installed HDD	LGNX884KN2T (2 TB), LGNX884KN4T (4 TB), LGNX884KN6T (6 TB)
	LGNX884KN8T (8 TB), LGNX884KN10T (10 TB)
Video & Audio Input	
IP Video Input	8-ch, up to 12MP
Audio Input	1-ch, RCA
Video & Audio Output	
HDMI Output	1-ch, 4K (3840 × 2160) / 30Hz, 1920 × 1080 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz
VGA Output	1-ch, 1920 × 1080 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz
Video Output Mode	Simultaneous HDMI and VGA output
Audio Output	1-ch, RCA
Recording	
Compression	H.265+ / H.265 / H.264+ / H.264
Resolution	12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Bit Rate	64 Kbps to 10 Mbps
Playback & Backup	
Playback Resolution	12MP / 8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Decoding Capability	8-ch @ 1080P
	3-ch @ 5MP
	2-ch @ 8MP
	1-ch @ 12MP
Synchronous Playback	8-ch
Playback Mode	Smart Playback / Normal / Time Division / Label / Event / Log Playback
Backup Mode	USB Device / Network
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, Human Detection, Vehicle Detection, SMD, PP
Smart Playback	Face Detection / Line Crossing / Area Intrusion / Motion Detection / Human Detection / Vehicle Detection
Cloud Storage	Supported

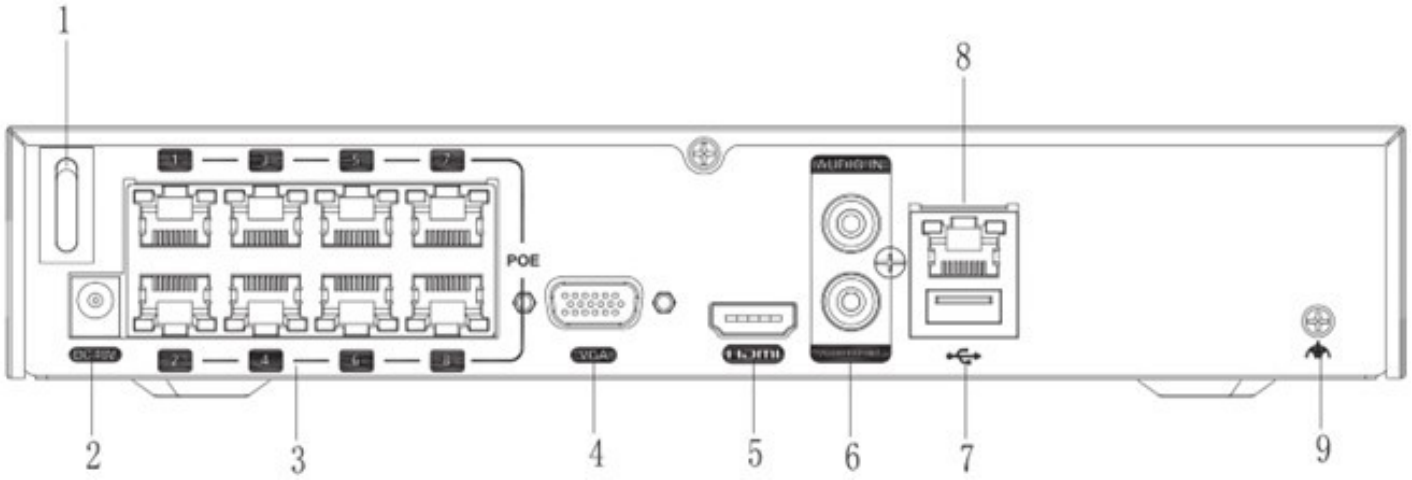
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TECHNICAL SPECIFICATIONS

Cloud Upgrade	Supported
Network	
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	80 Mbps
Ethernet	1 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
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	1 SATA interface
Capacity	Up to 14 TB per HDD
External Interface	
PoE Ports	8 independent 10/100 Mbps PoE Ethernet interfaces
USB Interface	Front panel: 1 × USB 2.0 | Rear panel: 1 × USB 2.0
Alarm Input	N/A
Alarm Output	N/A
General	
Power Supply	DC 48V, 2.5A
Power Consumption	≤ 15W (without HDD and PoE)
Operating Conditions	-10°C to +55°C, 10% to 90% RH
Dimensions (W × D × H)	250 × 230 × 45 mm (9.84" × 9.06" × 1.77")
Weight	1.7 kg (3.74 lb)

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Rear Panel



No.	Description	No.	Description
1	Power Switch	**6**	Audio IN/OUT RCA
2	Power Input	**7**	USB Port
3	PoE Network Port	**8**	Network Port
4	VGA Port	**9**	Ground
5	HDMI Port		

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