LGNX814KUVR

8 Channel 1U 1HDD 4K Universal Digital Video Recorder

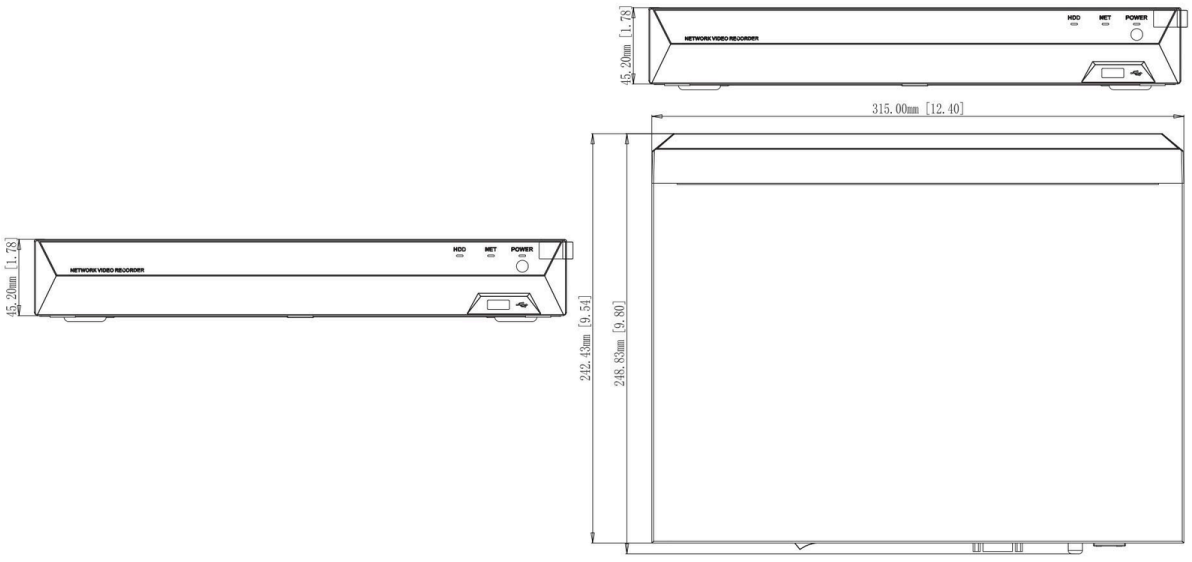


8 CH	16 CH	5-in-1	4K	1 HDD
Analog Input	IP Input	Hybrid Input	HDMI Output	SATA Bay

In Short

This 8-channel 1U universal digital video recorder accepts HD-TVI, HD-CVI, AHD and CVBS analog cameras up to 8MP, plus up to 16 IP cameras, making it ideal for upgrading existing coaxial systems while adding IP cameras. H.265+ compression, audio over coax on every channel, line crossing and intrusion detection on all 8 analog channels, simultaneous HDMI (up to 4K), VGA and CVBS outputs and one SATA bay for up to 8 TB provide a complete recording solution, with 4 audio inputs, 4 alarm inputs, RS-485, cloud backup to Google Drive or Dropbox and cloud upgrade.

Dimensions



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

TECHNICAL SPECIFICATIONS

Ordering Information	
Part Number	LGNX814KUVR
Pre-installed HDD	LGNX814KUVR2T (2 TB), LGNX814KUVR4T (4 TB), LGNX814KUVR6T (6 TB)
	LGNX814KUVR8T (8 TB), LGNX814KUVR10T (10 TB)
Video & Audio Input	
Analog Video Input	8-ch (1.0Vp-p, 75Ω)
HD-TVI Input	8MP, 5MP, 4MP, 1080P, 720P
HD-CVI Input	8MP, 4MP, 1080P, 720P
AHD Input	8MP, 5MP, 4MP, 1080P, 720P
CVBS Input	Supported
IP Video Input	Up to 16-ch
	Up to 8MP resolution
Audio Input	4-ch, RCA (2.0Vp-p, 1kΩ)
Two-Way Audio	1-ch, multiplexed with audio input (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
CVBS Output	1-ch, BNC (1.0Vp-p, 75Ω); PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1kΩ)
Recording	
Compression	H.265+ / H.265 / H.264+ / H.264
Encoding Resolution	8MP / 5MP / 4MP / 1080P / 1080P Lite / 720P / 960H / D1
Frame Rate	Main stream: 8MP @ 7fps, 8MP-N @ 15fps, 5MP @ 12fps, 4MP @ 15fps, 1080P / 720P / 960H / D1 @ 25fps (PAL) / 30fps (NTSC)
Video Bit Rate	11 Kbps to 6769 Kbps
Record Mode	Manual, Schedule, Alarm
Audio Compression	G.711a
Audio Bit Rate	64 Kbps
Playback & Backup	
Playback Channels	4-ch 8MP
	8-ch 8MP-N

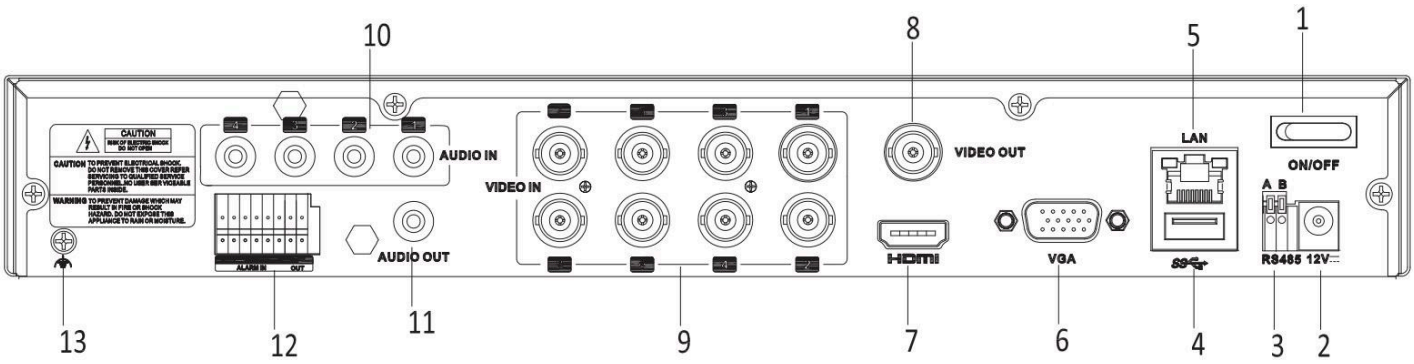
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TECHNICAL SPECIFICATIONS

Playback Mode	Smart Playback / Normal / Time Division / Label / Event / Picture Playback
Backup Mode	USB Device / Network
Smart Features	
Smart Detection (Analog)	8-ch Line Crossing, Intrusion Detection
Smart Detection (LegendNX IP Cameras)	Line Crossing, Area Intrusion
Smart Playback	Line Crossing / Area Intrusion / Motion Detection
Cloud Storage	Supported (Google Drive, Dropbox)
Cloud Upgrade	Supported
Network	
Ethernet	1 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Protocols	HTTPS, HTTP, TCP/IP, IPv4, UPnP, ONVIF 2.6, RTSP, RTCP, UDP, SMTP, SNMP, Multicast, IGMP, NTP, DHCP, DNS, DDNS, FTP, P2P
Hard Disk	
SATA	1 SATA interface
Capacity	Up to 8 TB per HDD
External Interface	
Serial Interface	1 × RS-485 (half-duplex)
USB Interface	Front panel: 1 × USB 2.0 | Rear panel: 1 × USB 3.0
Alarm Input	4-ch
Alarm Output	1-ch
General	
Power Supply	DC 12V, 2A
Power Consumption	≤ 10W (without HDD)
Operating Conditions	-10°C to +55°C (14°F to 131°F), 10% to 90% RH
Dimensions (W × D × H)	315 × 242 × 45 mm (12.40" × 9.54" × 1.78")
Weight (without HDD)	2.1 kg (4.6 lb)

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Rear Panel



No.	Description	No.	Description
1	Power Switch	**8**	Video Output Port
2	Power Input	**9**	Video Input Port
3	RS485 Port	**10**	Audio In RCA
4	USB Port	**11**	Audio Out RCA
5	Network Port	**12**	Alarm Input
6	VGA Port	**13**	Ground
7	HDMI Port		

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