LGNX1624KUVR

16 Channel 1U 2HDD 4K Universal Digital Video Recorder

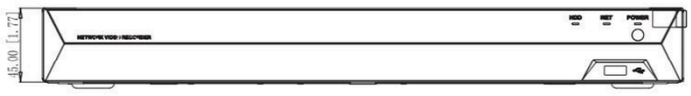


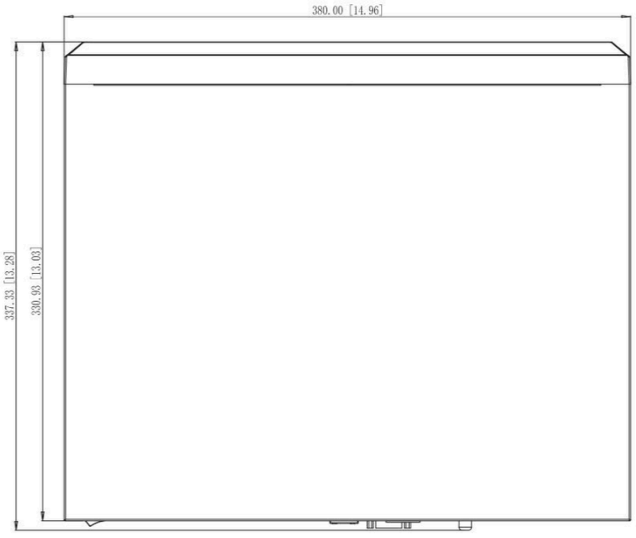
16 CH	20 CH	5-in-1	4K	2 HDD
Analog Input	IP Input	Hybrid Input	HDMI Output	SATA Bays

In Short

This 16-channel 1U universal digital video recorder accepts HD-TVI, HD-CVI, AHD and CVBS analog cameras up to 8MP, plus up to 20 IP cameras, giving mid-size sites a flexible path from coaxial to IP. H.265+ compression, audio over coax on every channel, line crossing and intrusion detection on all 16 analog channels, simultaneous HDMI (up to 4K), VGA and CVBS outputs and two SATA bays (up to 8 TB each) provide reliable, high-capacity recording, with 4 audio inputs, 16 alarm inputs, 4 alarm outputs, 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	LGNX1624KUVR
Pre-installed HDD	LGNX1624KUVR2T (2 TB), LGNX1624KUVR4T (4 TB), LGNX1624KUVR6T (6 TB)
	LGNX1624KUVR8T (8 TB), LGNX1624KUVR10T (10 TB), LGNX1624KUVR12T (12 TB)
	LGNX1624KUVR14T (14 TB), LGNX1624KUVR16T (16 TB), LGNX1624KUVR20T (20 TB)
Video & Audio Input	
Analog Video Input	16-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 20-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

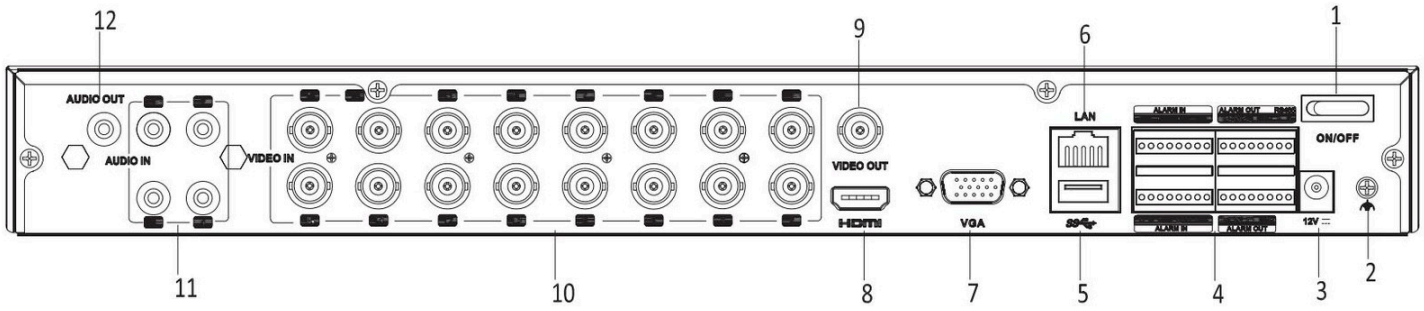
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TECHNICAL SPECIFICATIONS

Playback & Backup	
Playback Channels	8-ch 8MP
	8-ch 8MP-N
Playback Mode	Smart Playback / Normal / Time Division / Label / Event / Picture Playback
Backup Mode	USB Device / Network
Smart Features	
Smart Detection (Analog)	16-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	2 SATA interfaces
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	16-ch
Alarm Output	4-ch
General	
Power Supply	DC 12V, 5A
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)	380 × 330.9 × 45 mm (14.96" × 13.03" × 1.77")
Weight (without HDD)	3.3 kg (7.27 lb)

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Rear Panel



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

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