LGNXK8N6CT2T

8 Channel 4K NVR Kit with 2 TB HDD and 6 × 4.1MP CHROMAVIEW LITE Turret Network Cameras



In Short

This kit pairs an 8-channel 4K PoE network video recorder with a pre-installed 2 TB hard drive and six 4.1MP CHROMAVIEW LITE fixed lens turret network cameras for full-colour images day and night. Each camera uses an F1.0 aperture and 30 m of warm light to deliver colour video in low light, with 120 dB WDR, H.265+ compression, human and vehicle target classification, a built-in microphone and IP67 protection. The recorder powers every camera through its 8 built-in PoE ports (96 W budget), with simultaneous HDMI (up to 4K) and VGA outputs and support for up to 14 TB of storage.

Kit Contents	
Part Number	LGNXK8N6CT2T
Network Video Recorder	1 × LGNX884KLN2T – 8 Channel 1HDD 4K PoE Network Video Recorder (Lite) (2 TB HDD pre-installed)
Network Cameras	6 × LGNXTO4CVLWF – 4.1MP CHROMAVIEW LITE Fixed Lens Turret Network Camera

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

TECHNICAL SPECIFICATIONS

LGNXTO4CVLWF 4.1MP CHROMAVIEW LITE Fixed Lens Turret Network Camera

Camera	
Image Sensor	1/2.7” 4Megapixel progressive CMOS
Minimum Illumination	0.004 Lux at F1.0
Illumination Distance	30 m (Colour View)
Strobe Light	N/A
Pan / Tilt / Rotation	Pan: 0° to 360° | Tilt: 0° to 75° | Rotation: 0° to 360°

Lens	
Focal Length	2.8 mm
Aperture	F1.0
Field of View	Horizontal: 101°
	Vertical: 54°
	Diagonal: 120°
Mount	M12

Compression	
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Codec Profile	Main Profile
H.264 Codec Profile	Base / Main / High Profile
Video Bit Rate	11 Kbps to 6 Mbps
Multiple Streams	Triple streams supported
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps

Image	
Maximum Resolution	4.1 MP (2688 x 1520)
Resolutions	4M (2688 x 1520); 3M (2304 x 1296); 1080p (1920 x 1080); 1.3M (1280 x 960); 720p (1280 x 720); D1 (704 x 576/704 x 480); VGA (640 x 480); CIF (352 x 288/352 x 240)
Main Stream	
2688 x 1520 at 1 to 25/30 fps	
Sub Stream	
704 x 576 (1 fps to 25 fps); 704 x 480 (1 fps to 30 fps)	

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TECHNICAL SPECIFICATIONS

Image Settings	
Parameters	Brightness / Contrast / Saturation / Hue / Sharpness
Shutter	Auto / Manual, 1/3 s to 1/100000 s
Day / Night	Color/B/W
WDR	120 dB
Noise Reduction	2D / 3D DNR
BLC	Backlight compensation supported
HLC	Highlight compensation supported
ROI	Region of interest supported
Rotation	Image rotation supported
Smart Features	
Basic Events	Motion detection, video tampering
Smart Events	Smart motion detection, line crossing, intrusion, region entrance, region exiting; alarm triggering by specified human and vehicle target types
Face Detection	N/A
Loitering Detection	N/A
People Counting	N/A
Network	
Storage	NAS (NFS, SMB/CIFS)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P
Compatibility	ONVIF Profile S, Profile G, Profile T; SDK
Security	IP address filtering, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE, and digest authentication for ONVIF
Users	Up to 10 users
Browsers	Plug-in required live view: IE 10, IE 11; Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+,; Local service: Chrome 57.0+, Firefox 52.0+
Mobile	iOS, Android
Active Deterrence	
Red/Blue Light	N/A
Sound Warning	N/A
Interface	
Network	1 RJ45 10M/100M self-adaptive Ethernet port

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On-board Storage	Up to 256GB
Microphone	Built-in microphone supported
Speaker	N/A
Audio Input / Output	N/A
Alarm Input / Output	N/A
Reset Button	N/A
General	
Operating Conditions	-40°C to 60°C (-40°F to 140°F)
Humidity	95% or less, non-condensing
Power Supply	12V DC ± 25%
PoE	PoE IEEE 802.3af
Power Consumption	Less than 5.4 W
Protection	IP67, 2KV
Material	Metal housing
Dimensions	Ø103.5 x 85 mm (Ø4.07” x 3.35”)
Certifications	CE FCC
LGNX884KLN2T 8 Channel 1HDD 4K PoE Network Video Recorder (Lite)	
Video & Audio Input	
IP Video Input	8-ch, up to 4K
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	8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Bit Rate	64 Kbps to 10 Mbps

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TECHNICAL SPECIFICATIONS

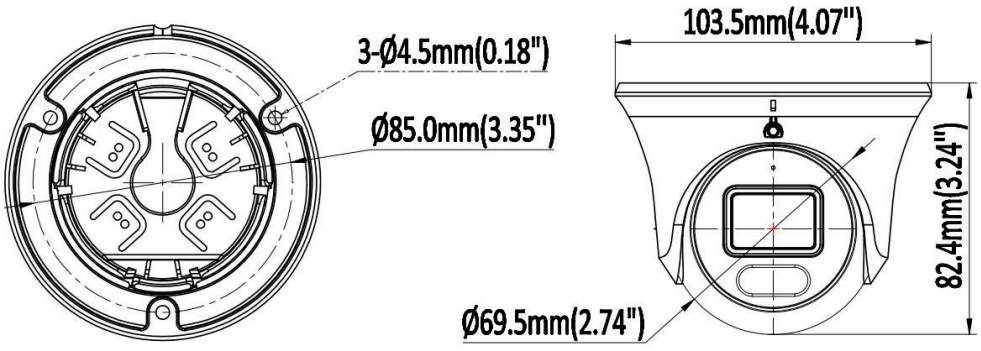
Playback & Backup	
Playback Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 720P / D1 / CIF / QCIF
Decoding Capability	1-ch 8MP @ 30fps
	2-ch 6MP @ 30fps
	2-ch 5MP @ 30fps
	3-ch 4MP @ 30fps
	6-ch 1080P @ 30fps
Synchronous Playback	8-ch
Playback Mode	Smart Playback / Normal / Time Division / Label / Event / 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
Cloud Upgrade	Supported
Network	
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	80 Mbps
Ethernet	1 × RJ-45 10/100 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
PoE Power	96W (max. 30W per PoE port)
USB Interface	Front panel: 1 × USB 2.0 | Rear panel: 1 × USB 2.0
Alarm Input	N/A
Alarm Output	N/A

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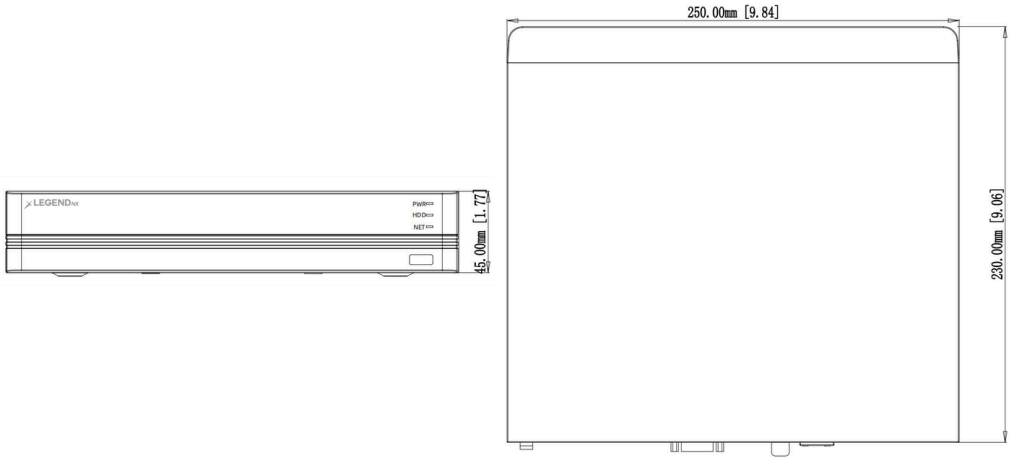
TECHNICAL SPECIFICATIONS

General	
Power Supply	DC 48V, 2.5A
Power Consumption	≤ 15W (without HDD and PoE)
Operating Conditions	-10°C to +55°C (14°F to 131°F), 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)

Dimensions



LGNXTO4CVLWF

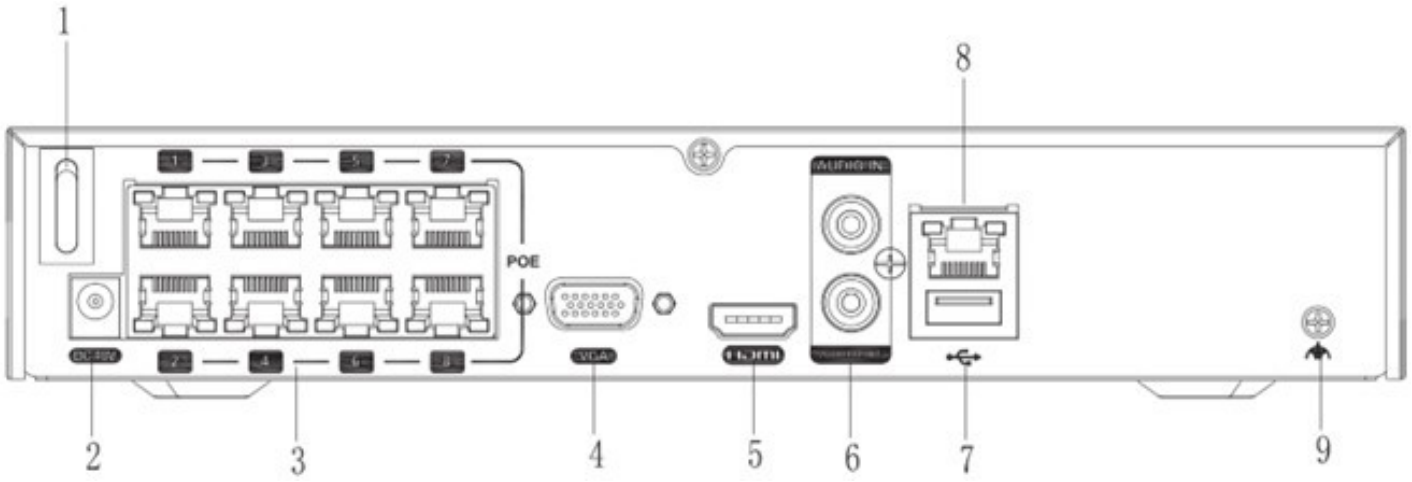


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TECHNICAL SPECIFICATIONS

Rear Panel – LGNX884KLN



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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