**LGNX884KLN**

8 Channel 1HDD 4K PoE Network Video Recorder (Lite)

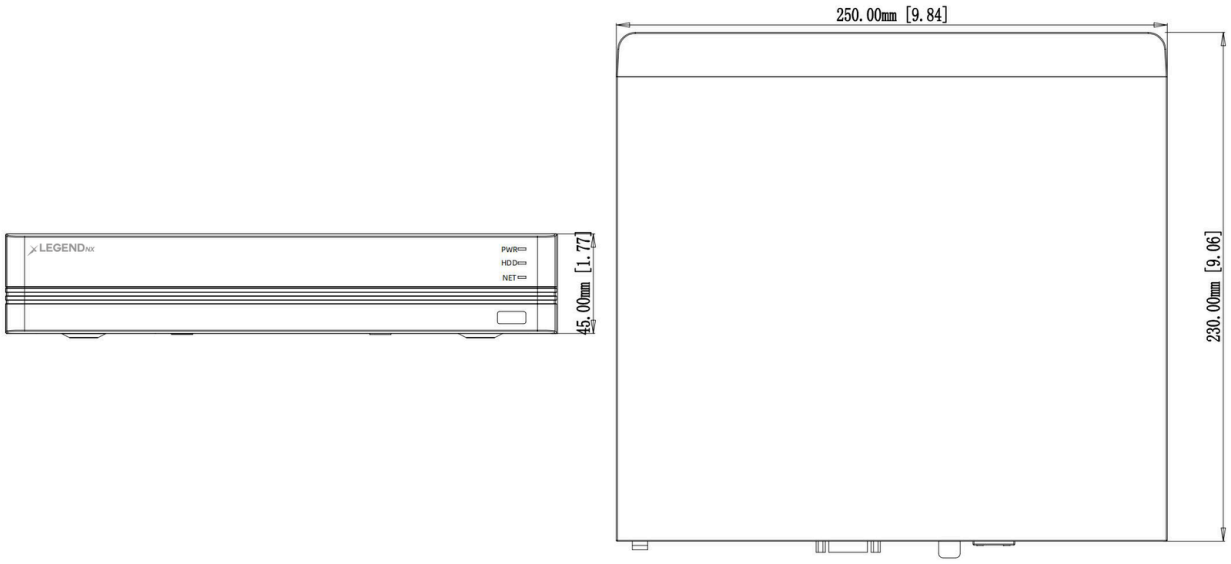



| 8 | 8 | 4K | 1 | 96W |
|---|---|---|---|---|
| CH | PoE | | HDD | |
| IP Input | PoE Ports | HDMI Output | SATA Bay | PoE Budget |

## In Short

This 8-channel network video recorder supports IP cameras up to 4K and powers them through 8 built-in PoE ports with a 96 W PoE budget (up to 30 W per port). It combines H.265+ compression, 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. Smart search and playback of human and vehicle events from AI cameras, ONVIF and RTSP compatibility, cloud storage and mobile access deliver an affordable, easy-to-deploy recording solution for small sites.

## Dimensions




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

# TECHNICAL SPECIFICATIONS

| Ordering Information | |
|---|---|
| **Part Number** | LGNX884KLN |
| **Pre-installed HDD** | LGNX884KLN2T (2 TB), LGNX884KLN4T (4 TB), LGNX884KLN6T (6 TB) |
| | LGNX884KLN8T (8 TB), LGNX884KLN10T (10 TB) |
| **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 |
| **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 |

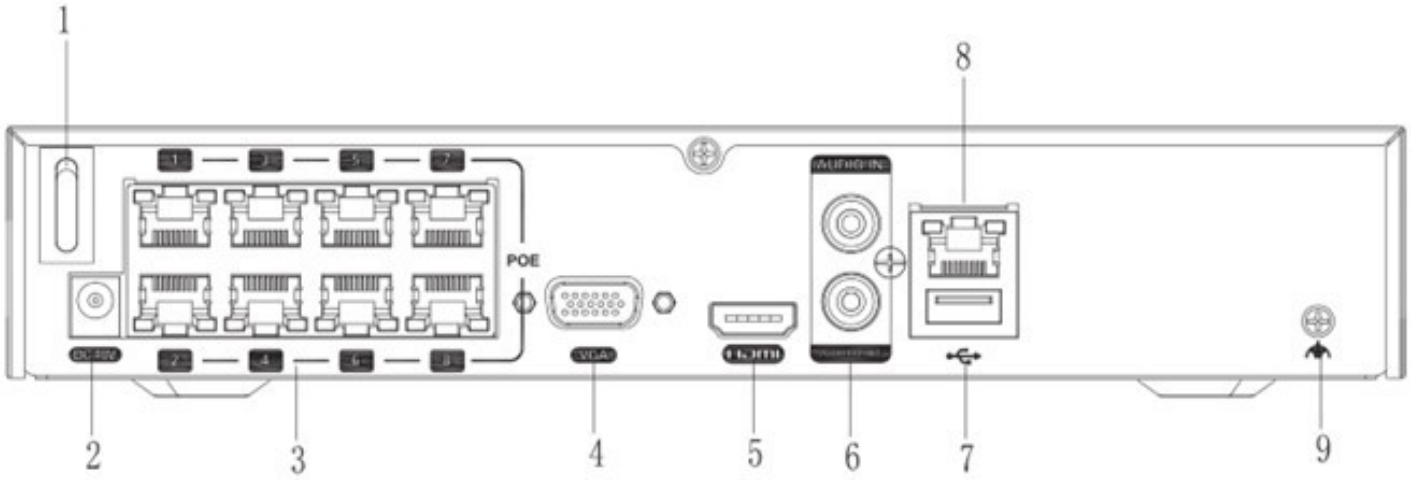
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# TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **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 |
| **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) |

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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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