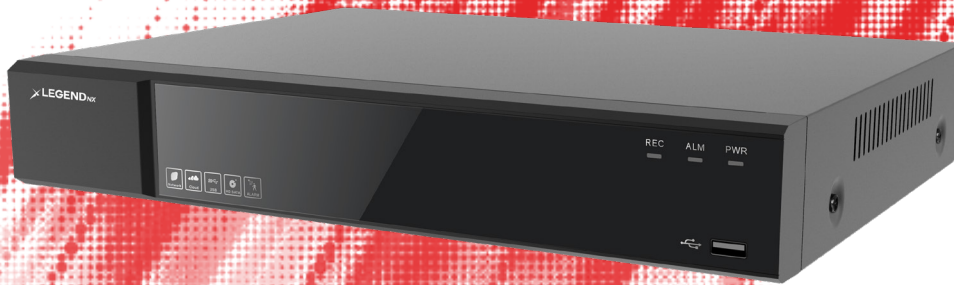


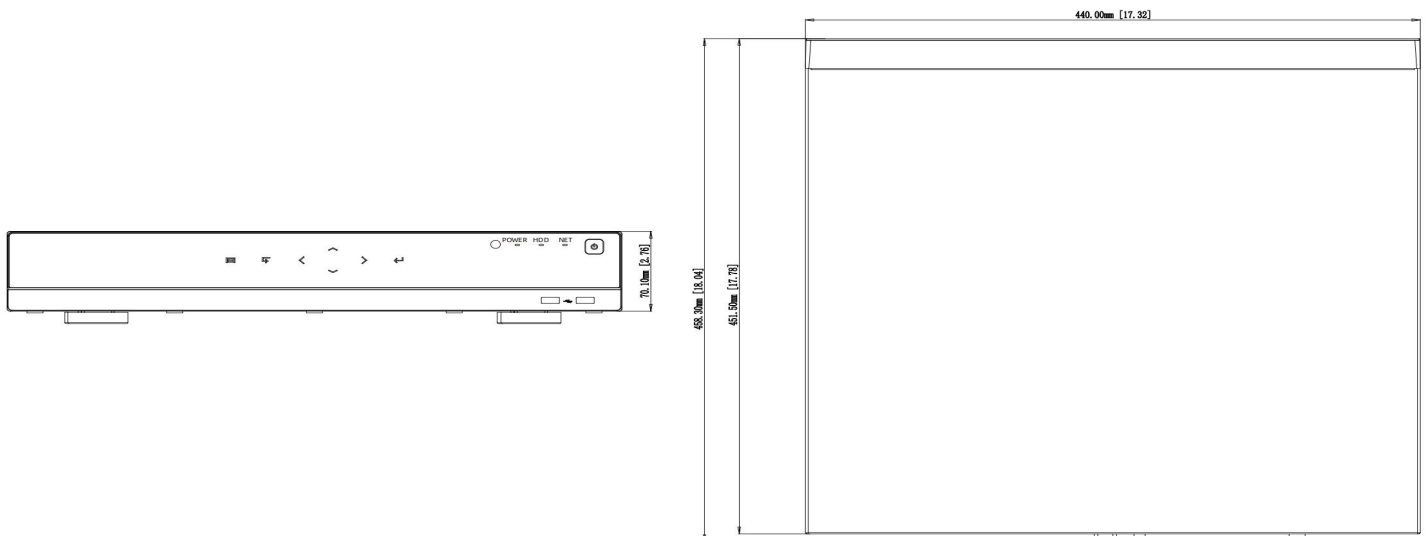
LGNX32164KN

32-Channel 4K NVR with 16-Port PoE



- 32-channel IP video input, up to 12 MP
- Video compression: H.265+/H.265/H.264+/H.264
- Incoming / outgoing bandwidth: 256 Mbps / 256 Mbps
- HDMI output up to 4K and asynchronous VGA output
- 16 independent PoE network interfaces
- Camera-based intelligent functions (human/vehicle detection, perimeter protection, face recognition, etc.)

Dimensions



*Design and specifications are subject to change without notice - Version 2026-01-23

LGNX32164KN - 32-Channel 4K NVR with 16-Port PoE

Video & Audio Input

IP Video Input

32-ch

Audio Input

1-ch, RCA (Linear, 1 kΩ)

Video & Audio Output

Video Output Mode

1 × VGA, 1 × HDMI

HDMI Resolution

Up to 3840 × 2160

VGA Resolution

Up to 1920 × 1080

Audio Output

1-ch, RCA (Linear, 1 kΩ)

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

2-ch @ 12MP / 20 fps

4-ch @ 8MP / 30 fps

6-ch @ 5MP / 30 fps

8-ch @ 4MP / 30 fps

16-ch @ 1080P / 30 fps

Synchronous Playback

16-ch

Playback Mode

Smart / Normal / Time Division / Label / Event

Backup Mode

USB / Network / eSATA

Advanced Features

Smart Detection

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, perimeter protection

Smart Playback

Face detection / Line crossing / Area intrusion / Motion / Human / Vehicle detection

Cloud Storage

Supported

Cloud Upgrade

Supported

Network

Incoming Bandwidth

256 Mbps

Outgoing Bandwidth

256 Mbps

Ethernet

1 × RJ-45 10 / 100 / 1000 Mbps self-adaptive

Network Compatibility

HTTPS, HTTP, TCP/IP, IPv4, UPnP, RTSP, UDP, SMTP, SNMP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF

Smart Phone

iOS (iPhone, iPad), Android (Phone, Pad)

Hard Disk

SATA

4 × SATA interfaces

Capacity

Up to 18 TB for each HDD

External Interface

PoE Interface

16 independent 10 / 100 Mbps PoE Ethernet interfaces

USB Interface

Front panel: 2 × USB 2.0

Rear panel: 1 × USB 3.0

eSATA

1 × eSATA

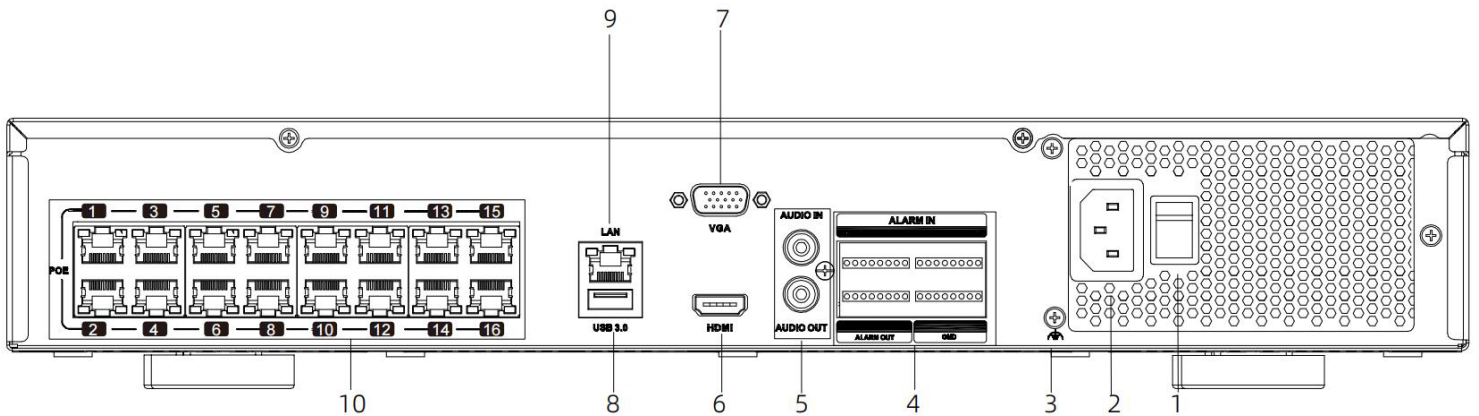
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LGNX32164KN - 32-Channel 4K NVR with 16-Port PoE

RS-485
2
Alarm Input / Output
16-ch / 4-ch
General
Power Supply
AC 100 ~ 240 V
Power Consumption
≤ 20 W (without HDD and PoE)
Working Environment
-10 °C to +55 °C / 10 % to 90 % RH
Dimension (W × D × H)
440 × 448 × 70 mm
Weight
6.4 kg

Ordering Informations
LGNX32164KN4T - 4 TB
LGNX32164KN8T- 8 TB
LGNX32164KN10T - 10 TB
LGNX32164KN12T - 12 TB
LGNX32164KN16T - 16 TB
LGNX32164KN20T - 20 TB
LGNX32164KN24T - 24 TB
LGNX32164KN28T - 28 TB
LGNX32164KN32T - 32 TB
LGNX32164KN36T - 36 TB
LGNX32164KN40T - 40 TB

Rear Panel



Part	Name	Part	Name
1	Power Switch	6	HDMI Port
2	Power Input	7	VGA Port
3	Ground	8	USB Port
4	Alarm Input	9	Network Port
5	Audio Input/Output RCA	10	POE Network Port

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