

LSNVR16CH-4K-IR

16 Channel, 1U, 16PoE, 4K, H.265+, IR Remote, Network Video Recorder

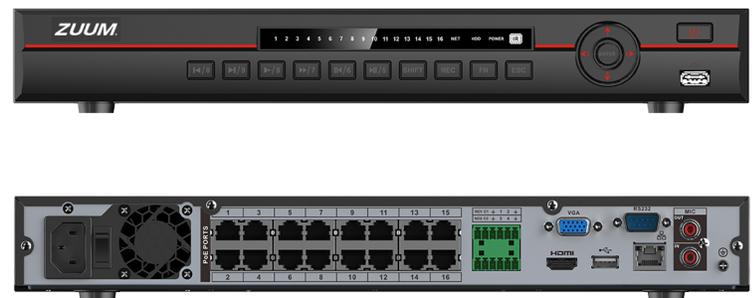
System Overview

LSNVR16CH-4K-IR is a great NVR supporting 4K and up to H.265+. This NVR provides up to 8MP resolution for preview and playback. When details are needed, it provides powerful image performance. This NVR also includes features like mouse shortcut operation menu, remote management and control, central storage, edge storage and back up storage. Included is an IR remote for easier integration into the TV viewing environment.

Great cost-effective design is perfect for applications like public safety, transportation, education and commercial building applications.

Features

- Smart H.265+/H.265/Smart H.264+/H.264
- Max 200Mbps Incoming bandwidth
- IR Remote
- Supports IPC, UPnP, 16PoE ports
- HDMI and VGA simultaneous video output
- Up to 8MP resolution for preview and playback
- Supports ANR technology to enhance the storage reliability when the network breaks down



Functions

The NVR supports 4K ultra HD resolution (3840 x 2160) for recording, live viewing and playback.

IVS (Optional). Working with built-in intelligent video analytics IP cameras, the NVR can detect and analyze moving objects for improved video surveillance. The NVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, People Counting, ideal for business intelligence, and Face Detection, for searching or identification of individuals. Also with the latest firmware update support for (SMD) Smart Motion Detection is now available.

With the Smart Add function, the installation of IP system is as easy as an analog system, no matter the NVR with or without a PoE switch embedded. It should be noted that the NVR must be on the same router as cameras.

ANR (Automatic Network Replenishment Technology), Video records on SD card in IP cameras when the network stops, and after the network recovers, the video will be transferred to NVR and then recorded.

Specifications

System

Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX

Display

Interface	1 HDMI, 1 VGA
Resolution	HDMI:3840x2160, 1920x1080, 1280x1024, 1280x720 VGA: 1920x1080,1280x1024,1280x720
Multi-screen Display	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Email, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones:396 (22x18), Video Loss and Tampering
Alarm Input	4 Channel
Relay Output	2 Channel

Playback and Backup

Playback	1/4/9/16
Search Mode	Time/Date, MD and exact Search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Storage

Internal HDD	2 SATA III Port, Up to 8TB capacity for each HDD
HDD Mode	Single
eSATA	N/A

Auxiliary Interface

USB	2 USB Ports (1 USB 2.0, 1 USB 3.0)
RS232	1 Channel
RS485	N/A

Audio and Video

IP Camera Input	16 Channel (16 PoE)
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Recording

Compression	Smart H.265+/H.265/Smart H.264+/H.264
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1.3MP/720P etc.
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule, (Regular, Continuous), MD (Video Detection, Motion Detection, Tampering, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record 10~ 300 sec

Network

Interface	1 RJ-45 Port (10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	16 ports (IEEE802.3at/af)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support ZUUM IP camera, DVR, NVS, etc.), P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

Electrical

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR:<13.2W (Without HDD) PoE: Max 25.5W for single port, 130W in total

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

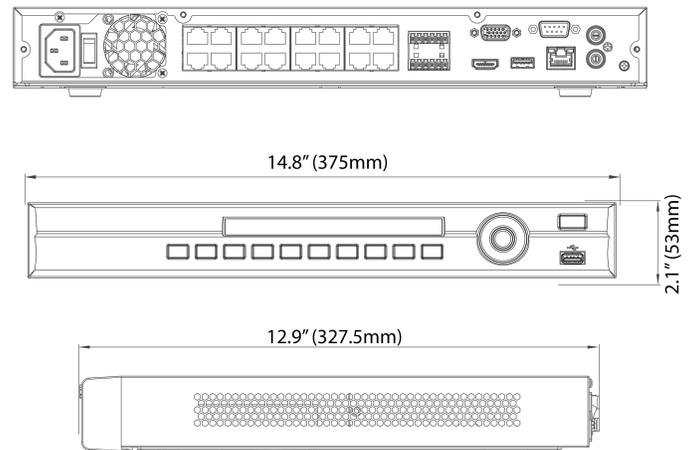
Construction

Dimensions	1U, 375mm x 327.5mm x 53mm (14.8" x 12.9" x 2.1")
Net Weight	2.6kg (5.7 lb.) (without HDD)
Gross Weight	4kg (8.8 lb.) (without HDD)

Certifications/ Drivers

Certifications	CE, FCC, UL
Drivers/Profiles	Control 4 (By IPC), SAVANT

Dimensions



ZM02192021 Design and specifications are subject to change without notice