

NVR-ELE8T-PS

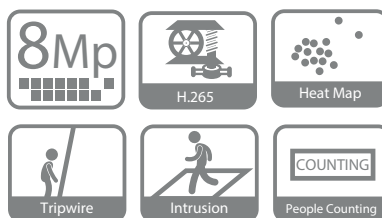
8Ch Tiny NVR W/ 8 Ports PoE



System Overview

The NVR-ELE8T-PS is a tiny 8 channel NVR with 8 ports of PoE built-in. You can connect up to 8 cameras ranging in resolution from 1MP all the way up to 8MP (4K). With room for one hard drive that can be anywhere from 1TB to 6TB and if you need more, you also have the option of using one of the USB ports to connect an external drive or you can plug in a flash drive.

- H.265/H.264 codec decoding
- Max 80Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output
- Support IPC UPnP, 8PoE ports
- Support ANR technology to enhance the storage reliability when the network breaks down



Features

HEVC (H.265)

High Efficiency Video Coding (HEVC) is a video compression standard which offers double the data compression ratio at the same or higher level of video quality and the same bit rate as the AVC technique. High Efficiency Video Coding supports resolutions up to (8192 × 4320), which includes 8K ultra-high definition.

4K Resolution

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

Intelligent Video System (IVS)

IVS system provides advanced, accurate video analytic for both IP and analog cameras. The IVS engine can track, classify and analyze the behavior of individual or group of objects over long distance to greatly improve parameter security and monitoring efficiency.

ANR (Automatic Network Replenishment Technology)

NVRs with the ANR function can automatically store video data on the IP camera storage card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

Easy4ip

The Easy4ip app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access NVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere!

Technical Specification

System

Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX

Display

Interface	1 HDMI, 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	N/A
Relay Output	N/A

Playback and Backup

Playback	1/4/8
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, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Storage

Internal HDD	1 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A

Auxiliary Interface

USB	2 USB Ports (2 USB2.0)
RS232	N/A
RS485	N/A

Third-party Support

Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more
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Audio and Video

IP Camera Input	8 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Recording

Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	80Mbps
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 (10/100Mbps)
Ethernet Port	1 Independent 100Mbps Ethernet Port
PoE	8 ports (IEEE802.3at/af) (4Mbps is recommended per channel)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

Electrical

Power Supply	DC48V/2A
Power Consumption	NVR: <8.3W (Without HDD)
	PoE: Max 25.5w for single port, 80w 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	Smart 1U, 270mm×204.7mm×45.7mm (10.6" x 8.1" x 1.8")
Net Weight	0.65kg (1.43 lb) (without HDD)
Gross Weight	1.8kg(3.97 lb)(without HDD)

Certifications

CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL60950-1+CAN/CSA C22.2 No.60950-1

Dimensions (mm)

