TRENDNET®

8-Channel H.265 4K (8MP) PoE NVR

TV-NVR1508 (v1.0R)

- Easy Cloud P2P QR code installation
- Standalone 8-channel UHD PoE network video recorder
- 8MP (4K) concurrent camera streams up to 240fps
- Supports eight 4K camera channels
- Supports H.265 video encoding for high quality & low bandwidth streams
- Plug and play up to 8 TRENDnet PoE cameras*
- Concurrent 4K HD video recording for all channels

- One 3.5" SATA internal drive bay supports up to a 12TB of storage (HDD sold separately)
- External USB port supports up to 128GB
- Over one month of continuous 4K HD video recording**
- Advanced video playback
- Rackmount hardware included
- PoE power budget: 56W
- ONVIF certified

TRENDnet's standalone 8-Channel H.265 4K (8MP) PoE NVR, model TV-NVR1508, offers a comprehensive rack mountable camera management solution. The 8-port NVR networks and powers up to eight PoE cameras*. Install up to 12TB of storage (hard drives not included) to record over one month of continuous video from eight 4K HD PoE cameras**. The TV-NVR1508 features advanced video playback and works with free iOS®/Android™ apps.
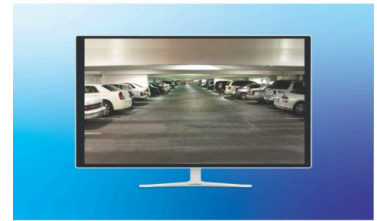
Standalone HD NVR

This standalone H.265 HD NVR supports a total storage capacity of up to 12TB, and powers up to eight PoE network cameras (HDD, cameras, and display not included).
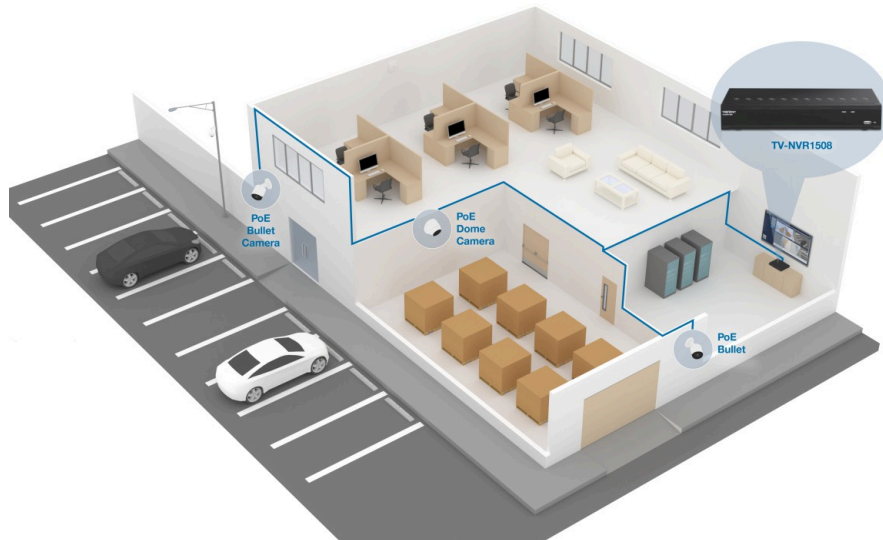
Simple Setup

The NVR auto-recognizes and powers TRENDnet PoE cameras* – simply connect compatible TRENDnet PoE cameras and start recording surveillance video.

4K Support

Connect a 4K display to the HDMI interface on the 8-port NVR to view eight 8MP 4K UHD camera channels.

NETWORKING SOLUTION

FEATURES

PoE Ports
Plug and play TRENDnet PoE network cameras* to the eight PoE ports with a total power budget of 56W

Storage
One 3.5" SATA internal drive bay on the 8-port NVR supports up to 12TB of total storage (HDD not included)

Network Uplink Port
Gigabit Ethernet network uplink port

Display Interface
HDMI up to 4K resolution

Audio Ports
Audio in and out ports

USB Ports
One USB port for the included mouse, and one for video export

Mouse Included
Supports mouse and keyboard (keyboard not included)

Rackmount
Rackmount hardware is included for the 8-port NVR

Mobile App
View live video on a mobile device with free iOS® and Android™ apps

Remote Access
Access the 4K PoE NVR over the internet

Camera Setup
The 8-port NVR auto-recognizes TRENDnet cameras* and works with ONVIF PoE network cameras

Live View
Multiple camera viewing options

Camera Management
For each camera, this 4K camera system allows you to manage on-screen display (OSD), image settings, PTZ functionality, motion detection, privacy masks, and video loss

Video Recording
Max. resolution for all cameras concurrently: Full HD 4K video at 30 fps in H.265 compression

Recording Time
Over one month of recording per camera with 12TB of storage (HDD not included), and 8 x 4K cameras at 30 fps (H.265 compression, medium VBR)

Scheduled Recording
Create weekly continuous and motion detection recording schedules for each camera with video overwrite when storage is full

Advanced Playback
Advanced archived video playback with a quick reference timeline and calendar

Video Export
Export and archive recorded video

Dynamic DNS Support
Support for dyn.com and ipddns.cc

IPv6
IPv6 support

ONVIF
This 8-port NVR is ONVIF compliant

SPECIFICATIONS

Video Input

- H.265 / H.264
- Up to 8 cameras
- Max. frame rate: 240fps

Video Output

- HDMI up to 4K 3840 x 2160
- VGA up to 1920 x 1080

Audio

- Input: 8 Channel, G.711 u-law 8K & AAC
- Output: RCA connector (0.7Vp-p, 300 – 3000Hz)

Recording

- Up to 8MP resolution
- H.265 / H.264
- Max. network throughput: 64Mbps
- 8-Channel simultaneous recording up to 1080p 30fps
- SATA interface for HDD or SSD up to 12TB storage each

Playback

- Playback resolution: 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 720p, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF

Hardware Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3at

Device Interface

- 1 x Gigabit network port
- 8 x 100Mbps PoE ports
- 2 x USB 2.0 ports
- 1 x HDMI port
- 1 x VGA port
- 1 x SATA connector (up to 12TB)
- Analog audio out port
- Power port
- Power switch

PoE Ports

- Max. 7W per port
- Power budget: 56W

Network Protocol

- IPv4, UDP, TCP, ONVIF v2.2
- DHCP, NTP, DDNS, SMTP, FTP, SNMP v2
- HTTP, UPnP, RTSP, RTP, RTCP

Operating Temperature

- 0° - 40° C (32° - 104° F)

Operating Humidity

- Max. 80% non-condensing

Certifications

- CE
- FCC

Dimensions

- 300 x 227 x 53mm (15 x 12 x 1.8 in.)

Weight

- 1kg (2.3 lb.)

Power

- Input: 100 – 240V AC 50/60 Hz
- Output: 48V 1.5A
- Max. consumption: 6W (without camera)

Management Interface

- Live view: Simultaneous 1 / 4 / 9 / 16 split
- Manual, schedule (continuous, event) recording
- Video export
- USB external storage: firmware upgrade, import/export configuration file and logs, export recorded video files, search and playback videos directly from external storage
- Local live view settings: define screen layout and channel viewing sequence
- Alert messages: motion, alarm and video lost
- Supported dynamic DNS services: dyndns.org and ipddns.cc
- Management Setting: maximum 15 user accounts

Sentinel App

- Free iOS® and Android™ apps
- View live camera video
- Push notifications
- Take snapshots and videos
- Playback

Warranty

- 2 year

Package Contents

- TV-NVR1508
- Optical mouse
- Quick Installation Guide
- Power adapter (48V, 1.5A)

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

*See list of compatible cameras

**Over one month of continuous recording 8 cameras in 4K resolution at 30 fps (H.265 compression, medium VBR) with 12TB of storage (HDD not included)