TRENDNET®

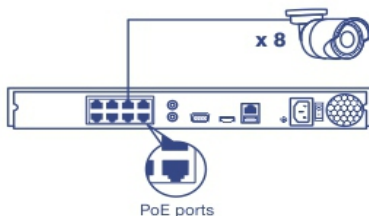# 8-Channel H.265 1080p HD PoE+ NVR

TV-NVR408 (v1.0R)

- Standalone 8-channel HD PoE+ network video recorder
- Supports one 4K camera channel
- Supports H.264 and H.265 video encoding
- Plug and play up to 8 TRENDnet PoE cameras*
- Concurrent 1080p HD video recording for all channels
- Two 3.5" SATA II bays support up to a 12TB of storage (6TB per bay, HDDs sold separately)
- Over one month of continuous 1080p HD video recording **
- Advanced video playback
- Rackmount hardware included
- PoE power budget: 80W
- ONVIF compliant

TRENDnet's standalone 8-channel H.265 PoE+ NVR, model TV-NVR408, offers a comprehensive rack mountable camera management solution. The 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 1080p HD PoE cameras**. The TV-NVR408 features advanced video playback and comes with a free iOS®/Android™ app.
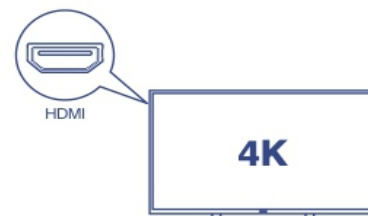
Standalone HD NVR

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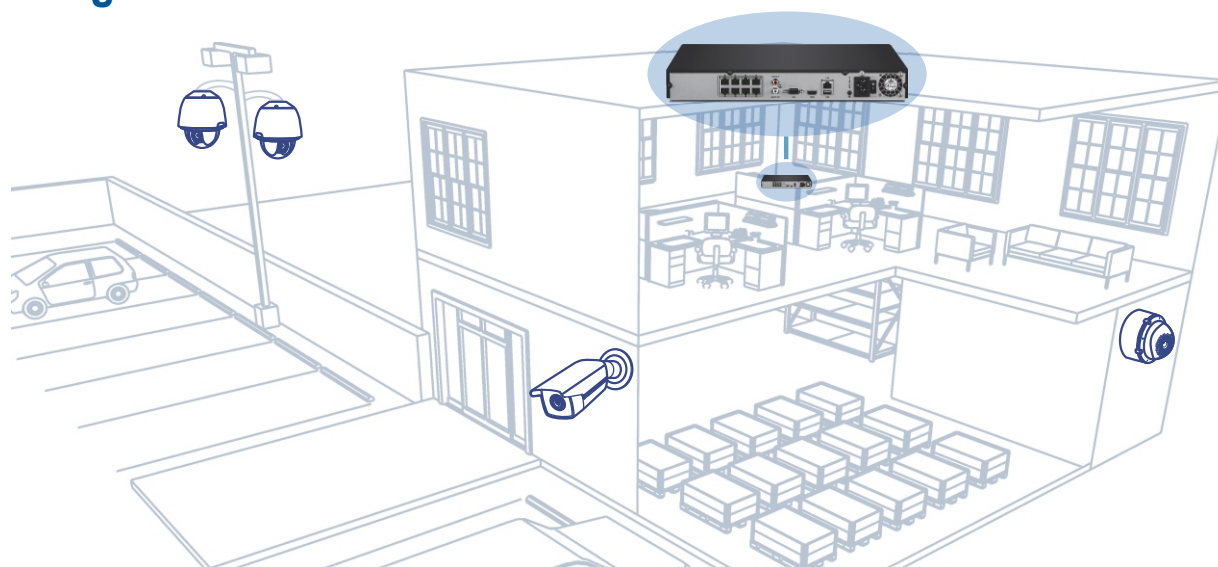
Simple Setup

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 to view one 8MP 4K UHD camera channel.

Networking Solution

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Hardware

PoE+ Ports
Plug and play TRENDnet PoE network cameras* to the eight PoE+ ports with a total power budget of 80W

Storage
Two 3.5" SATA II bays support up to 12TB of total storage (6TB per bay, HDDs not included)

Network Uplink Port
Gigabit Ethernet network uplink port

Display Interface
HDMI up to 4K resolution and VGA up to 1080p 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 included

Management

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

Remote Access
Access the NVR over the internet

Camera Setup
Auto-recognizes TRENDnet cameras* and works with ONVIF PoE network cameras

Live View
Multiple camera viewing options with auto-scan function

Camera Management
For each camera, manage on-screen display (OSD), image settings, PTZ functionality, motion detection, privacy masks, tamper detection, and video loss

Video Recording
• Max. resolution for all cameras concurrently: Full HD 1080p video at 30 fps in H.265 compression
• Max. for a single camera: 8MP 4K UHD resolution in H.265 compression

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

Recording Time
• (A)Over one month of recording per camera with 12TB of storage (HDDs not included) and 8 x 1080p cameras at 30 fps (H.265 compression, medium VBR)
• (B)Over two months of recording per camera with 12TB of storage (HDDs not included) and 8 x 720p cameras at 30 fps (H.265 compression, medium VBR)

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 NO-IP.com

IPv6
IPv6 support

ONVIF
ONVIF compliant

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Specifications

Video Input	• H.265 / H.264 video formats • Up to 8 cameras
Video Output	• HDMI up to 4K 3840 x 2160 at 30Hz • VGA up to 1920 x 1080 at 60Hz
Audio	• Line-in with RCA connector (2.0Vp-p, 1kΩ) • Line-out with RCA connector
Recording	• Up to 8MP resolution • 8-channel simultaneous recording up to 1080p 30fps • 2 SATA interface for HDD or SSD up to 6TB storage each
Playback	• H.265 / H.264 / MPEG4 • Playback resolution: 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 720p, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF • 1 channel at 8MP / 4 channels at 1080p
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 10/100 PoE+ camera network ports • 2 x USB 2.0 • HDMI port • VGA port • Analog audio in / out port • Power port • Power switch • LED indicators (Power, Storage, and Network)
PoE Ports	• PoE 802.3at (max. 30W per port) • Total PoE power budget: 80W • Plug and play with TRENDnet PoE cameras*
Network Protocol	• IPv4, IPv6, UDP, TCP, ICMP, SSL, TLS, ONVIF v2.2 • DHCP, NTP, DNS, DDNS, SMTP, FTP, SNMP v2 • HTTP, UPnP, RTSP, RTP, RTCP
Operating Temperature	• -10° - 55° C (14° - 131° F)
Operating Humidity	• Max. 90% non-condensing
Certifications	• CE • FCC • UL 60950

Dimensions	• 380 x 310 x 45mm (15 x 12 x 1.8 in.)
Weight	• 3.3kg (7.3 lb.)
Power	• Input: 100 – 240 V AC 50/60 Hz • Power consumption: • Main board: 10W max. • Fully loaded with HDD and PoE: 180W max.
Management Interface	• Live view: Simultaneous 3x3, 1+7, 1+5, 2x2 views or auto switch single view • Scheduled recording: continuous and motion detection with optional holiday exceptions. • Supporting camera configuration through NVR*: On Screen Display, display settings: brightness, contrast, saturation, PTZ, motion detection setting, video tamper, and video loss. • Holiday scheduling for custom recording schedules during observed holidays • Advanced playback: playback multiple channels simultaneously and search video recordings with special event or tag • Video export: tag, cut, and export video clips • 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: storage full, storage error, network disconnected, IP conflict, illegal login, recording exceptions, and PoE power overload. • Supported dynamic DNS services: Dyn.com and NO-IP.com • Management Setting: maximum 32 user accounts • Traffic chart and statistics for network management
TRENDnet IP View App	• Free iOS® and Android™ app • View your NVR video on your mobile device • Take snapshots • Zoom
Warranty	• 2 year limited

PACKAGE CONTENTS

• TV-NVR408
• Power cord (1.4 m/5 ft.)
• Network cable (1.4 m / 5 ft.)
• HDMI cable (1.8 m / 6 ft.)
• Optical mouse
• SATA data cables / power cables
• Quick Installation Guide

*See list of compatible cameras
**Over one month of continuous recording 8 cameras in 1080p resolution at 30 fps (H.265 compression, medium VBR) with 12TB of storage (HDDs not included)

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