TRENDNET®

8-Channel HD PoE+ NVR with 2 TB HDD

TV-NVR208D2 (v1.0R)

- Standalone 8-channel PoE+ network video recorder
- Plug and play up to 8 TRENDnet PoE cameras*
- Concurrent 1080p HD video recording for all channels
- Preinstalled 2 TB HDD provides one week of continuous 1080p video recording***
- Two 3.5" SATA II bays support up to a 12 TB of storage (6 TB max. per bay, additional HDDs sold separately)
- Advanced video playback
- Rack mountable
- PoE power budget: 120 W
- Supports ONVIF compliant network camera

TRENDnet's standalone 8-channel HD PoE+ NVR, model TV-NVR208D2, offers a comprehensive rack mountable camera management solution. This NVR includes a preinstalled 2 TB hard drive and connects up to eight cameras*. Install up to 12 terabytes of storage (additional hard drives sold separately) to record four weeks of continuous video from eight HD cameras**. The TV-NVR208D2 features advanced video playback and free iOS® / Android™ apps available.
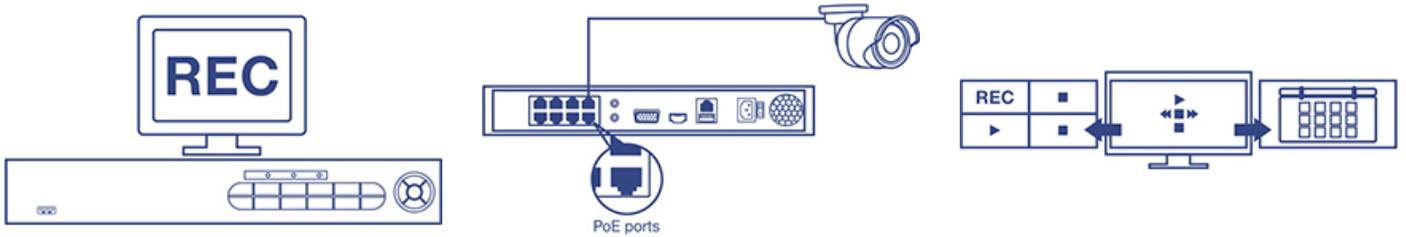
Standalone HD NVR

This standalone 1080p HD NVR includes a preinstalled 2 TB hard drive and supports a total storage capacity of up to 12 TB and powers up to eight PoE network cameras- HDDs, cameras, and display sold separately.

Plug-and-Play Installation

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

Intuitive Interface

Users will find the management interface intuitive and easy to use – quickly navigate live view preferences, recording schedules, and advanced playback options.

Networking Solution
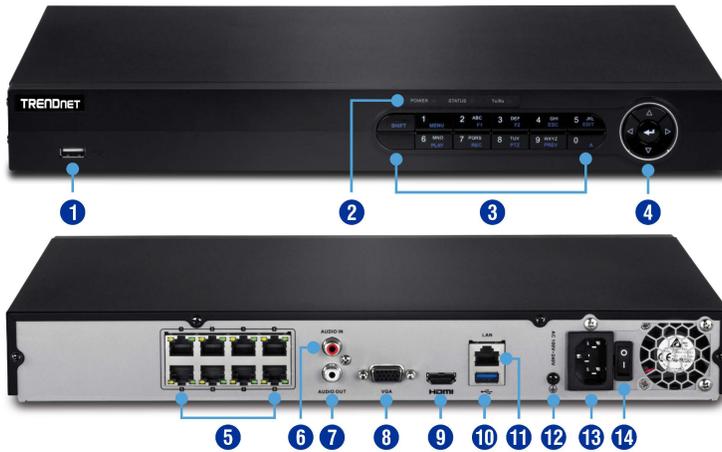
❶ USB 3.0		❽ VGA port	
❷ LED indicators		❾ HDMI port	
❸ Push button control		❿ USB 3.0 port	
❹ Navigation button		⓫ LAN port	
❺ PoE ports		⓬ Ground	
❻ Audio in		⓭ Power port	
❼ Audio out		⓮ On / off switch	

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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 120 W

Storage
Two 3.5" SATA II bays support up to 12 TB of total storage (2 TB HDD Included, 6 TB max. per bay)

Network Uplink Port
Gigabit Ethernet network uplink port

Display Interface
HDMI and VGA interfaces

Audio Ports
Audio in and out ports

USB Ports
One USB port for the included mouse and one for configuration backup

Mouse Included
Supports mouse and keyboard (keyboard sold separately)

Rack Mount
Rack mount hardware included

Management

Mobile App
See 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 most 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.264 compression
- Max. for a single camera: 6 MP resolution in H.264 compression

Recording Time
- One week of continuous recording per camera with preinstalled 2 TB HDD and 8 x 1080p cameras at 30 fps (medium VBR)
- Four weeks of continuous recording per camera with 12 TB of storage (HDDs sold separately) and 8 x 1080p cameras at 30 fps (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
Quickly export and archive recorded video

Dynamic DNS Support
Support for dyn.com and NO-IP.com

IPv6
IPv6 support

ONVIF
Supports ONVIF compliant network camera

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Specifications

Video Output
- HDMI / VGA
- Resolution:
  - 1920 × 1080P / 60Hz
  - 1600 × 1200P / 60Hz
  - 1280 × 1024 / 60Hz
  - 1280 × 720 / 60Hz
  - 1024 × 768 / 60Hz

Audio
- Line-in with RCA connector (2.0 Vp-p, 1 kΩ)
- Line-out with RCA connector

Recording
- 8-channel simultaneous recording up to 1080p 30 fps
- 2 SATA interface for HDD or SSD up to 6 TB storage each

Playback
- Playback resolution: 5MP, 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 10/100 PoE+ camera network ports
- 1 x 2 TB HDD
- 1 x USB 2.0, 1 x USB 3.0
- HDMI port
- VGA port
- Analog audio in / out port
- Power port
- LED indicators (Power, Storage, and Network)

PoE Ports
- PoE 802.3at (max. 30 W per port)
- Total PoE power budget: 120 W

- 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 45 mm (15 x 11 x 1.8 in.)

Weight
- 3.3 kg (7.3 lb.)

Power
- Input: 100 – 240 V AC, 50/60 Hz
- Power consumption:
  - Main board: 10 W max.
  - Fully loaded with HDD and PoE: 150 Watts 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

- HDD: Encoded disk formatting, S.M.A.R.T. disk health monitoring and testing, bad sector detection, storage quota allocation to each video channel, recycle old recordings or send disk full warning to administrator by email
- 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, and 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-NVR208
- 1 x 2TB HDD
- CD-ROM (Utility & User's Guide)
- Power cord (1.8 m / 6 ft.)
- Network cable (1.8 m / 6 ft.)
- HDMI cable (1.8 m / 6 ft.)
- Optical mouse
- IR Remote Control
- SATA data cables / power cables
- Quick Installation Guide
- Rack mount hardware

*See list of compatible cameras
** Four weeks of continuous recording 8 cameras in 1080p resolution at 30 fps (medium VBR) with 12 TB of storage (HDDs not included)
*** One week of continuous recording per camera with preinstalled 2 TB HDD and 8 x 1080p cameras at 30 fps (medium VBR)