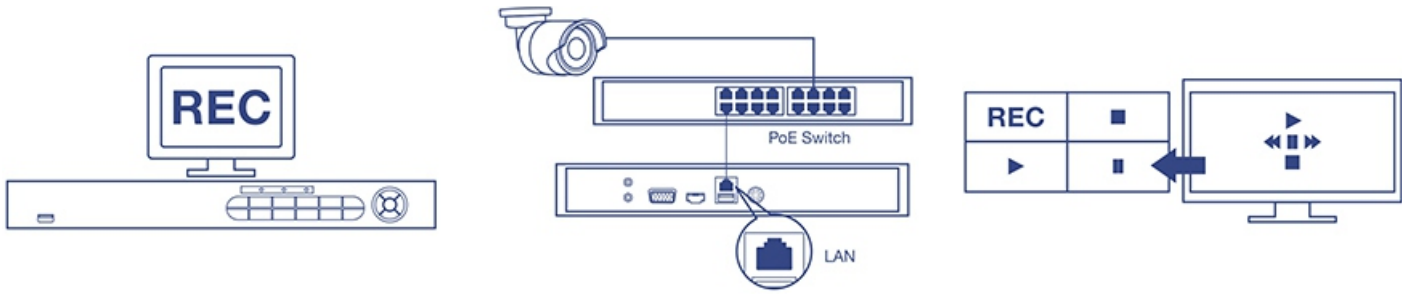# 8-Channel HD NVR

TV-NVR2208 (v1.0R)

- 8-channel network video recorder
- Manage up to 8 TRENDnet cameras*
- Concurrent 1080p HD video recording for all channels
- Two 3.5" SATA II bays support up to 12 TB of storage (HDDs not included)**
- Continuous or event-based 1080p HD recording***
- Advanced video playback
- Rack mountable
- ONVIF compliant

TRENDnet's 8-Channel HD NVR, model TV-NVR2208, offers a comprehensive rack mountable video display, storage, and management solution. The NVR networks up to eight cameras* and auto-recognizes TRENDnet models. Install up to 12 TB of storage (hard drives not included)** to record continuous or event-based video from eight HD cameras***. The TV-NVR2208 features advanced video playback with free iOS® and Android™ apps.

Standalone 1080p HD NVR

This 1080p HD NVR supports up to a 12 TB hard drive and networks up to eight network cameras-hard drive, cameras, and display sold separately.

Easy Installation

The NVR auto-recognizes TRENDnet cameras* - simply connect compatible TRENDnet 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

1. USB 2.0
2. LED indicators
3. Push button control
4. Navigation button
5. Audio in
6. Audio out
7. VGA port
8. HDMI port
9. LAN port
10. USB 3.0 port
11. Power port
12. On / off switch

TRENDnet®

Hardware

Channels
Manage up to eight TRENDnet network cameras*

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

Network Port
Gigabit Ethernet network port

Display Ports
HDMI and VGA display ports

Audio Ports
RCA Audio in and out ports

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

Mouse Included
Includes a mouse and does not require a keyboard

Rack Mount
Rack mount hardware included

Live View
Multiple camera viewing options with variable-time auto-scan function

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

Video Recording
Full 1080p HD video at 50 fps in H.264 compression
Single camera max. resolution: 6 MP in H.264 compression

Recording Time
Record per camera with 12 TB of storage (HDDs not included)** and 8 x Full 1080p HD cameras at 30 fps with 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 specific video types over a specified time

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

IPv6
IPv6 support

ONVIF / PSIA
ONVIF / PSIA Compliant
Full 1080p HD Camera Support

Management

Free Apps
View live video on a mobile device with free iOS® and Android™ apps

Remote Access
Access the NVR over the internet

Camera Setup
Auto-recognizes TRENDnet cameras*

TRENDnet®

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

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

Playback
- Playback resolution: 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

Device Interface
- 1 x Gigabit network port
- 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)

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

Power
- Input: 100 – 240 V AC, 50/60 Hz, 1.7 A
- Output: 12 V DC, 3.33 A
- Consumption: 10 Watts max. (with HDD)

Dimensions
- 380 x 270 x 45 mm (15 x 11 x 1.8 in.)

Weight
- 1.64 kg (3.6 lb.)

Operating Temperature
- -10 ~ 55 °C (14 ~ 131 °F)

Operating Humidity
- Max. 90% non-condensing

Certifications
- CE
- FCC
- UL

Management Interface
- Multi-language support: English, French, German, Portuguese, and Spanish
- 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
- 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-NVR2208 (No HDD installed)
- CD-ROM (Utility & User's Guide)
- Power Adapter (12VDC)
- Network cable (1.8 m / 6 ft.)
- HDMI cable (1.8 m / 6 ft.)
- Optical mouse
- Remote Control
- SATA data cable / power cable
- Quick Installation Guide
- Rack mount hardware

*See list of compatible cameras on TRENDnet website
** 6 TB per hard drive
*** Three weeks of continuous recording 8 cameras in 1080p resolution at 30 fps (medium VBR) with 12 TB of storage (HDDs not included)