

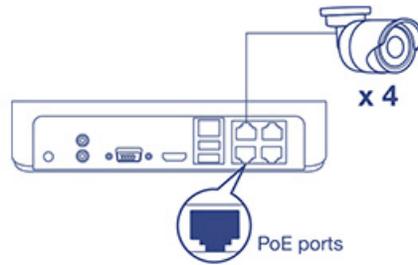


## 4-Channel HD PoE NVR with 2 TB HDD

TV-NVR104D2 (v1.1R)

- Standalone 4-channel PoE network video recorder
- Plug and play up to 4 TRENDnet PoE cameras\*
- Concurrent 720p video recording for all channels
- Preinstalled 2 TB HDD provides two weeks of continuous 720p video recording\*\*\*
- One 3.5" SATA II bay support up to a 6 TB of storage\*\*
- Advanced video playback
- PoE power budget: 35 W

TRENDnet's standalone 4-channel HD PoE NVR, model TV-NVR104D2, offers a comprehensive camera management solution. This NVR includes a preinstalled 2 TB hard drive providing up to one week of continuous HD video recording and connects up to four PoE cameras\*. The TV-NVR104D2 features advanced video playback and free iOS® / Android™ apps available.



### Standalone HD NVR

This standalone 720p HD NVR includes a preinstalled 2 TB hard drive and supports a total storage capacity of up to 6 TB and powers up to four 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



- 1 Power port
- 2 Analog audio in / out
- 3 VGA port
- 4 HDMI port
- 5 USB 2.0 ports
- 6 10/100 Mbps network port
- 7 10/100 Mbps PoE camera network ports
- 8 LED Indicators

## Hardware



### PoE Ports

Plug and play TRENDnet PoE network cameras\* to the four PoE ports with a total power budget of 35 W



### Storage

One 3.5" SATA II bay with preinstalled 2 TB HDD – upgradeable to 6 TB of total storage\*\*



### 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 and firmware upgrade

## 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 720p video at 30 fps in H.264 compression
- Max. for a single camera: 1080p resolution in H.264 compression



### Recording Time

- Two weeks of continuous recording per camera with preinstalled 2 TB HDD and 4 x 720p cameras at 30 fps (medium VBR)
- Four weeks of continuous recording per camera with 6 TB of storage (HDDs sold separately) and 4 x 720p 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 and archive recorded video



### Dynamic DNS Support

Support for dyn.com and NO-IP.com



### IPv6

IPv6 support

## Specifications

### Video Input

- 4 PoE channels

### Video Output

- HDMI and VGA display outputs
- Resolution: 1920 x 1080 (1080p), 1280 x 1024, 1280 x 720 (720p), 1024 x 758 @ 60Hz

### Audio

- Analog audio in / out (1.0 Vp-p, 1kΩ)

### Storage

- One 3.5" SATA I / II HDD or SSD up to 6 TB storage

### Network Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3af

### Device Interface

- 10/100 Mbps network port
- 4 x 10/100 Mbps PoE camera network ports
- 1 x 2 TB HDD
- 2 x USB 2.0 ports
- HDMI port
- VGA port
- Analog audio in port
- Analog audio out port
- Power port
- LED indicators (Power, Storage, and Network)
- Grounding point

### Network Protocol

- IPv4, IPv6, UDP, TCP, ICMP
- DHCP, NTP, DNS, DDNS, SMTP, FTP
- HTTP, UPnP, RTSP, RTP, RTCP

### Power

- Input: 100 – 240 V AC, 50 / 60 Hz, 1.5 A
- Output: 48 V DC, 1 A

- Consumption: 50 watts (with HDD and Max. PoE PD)
- PoE power budget: 35 watts

### Operating Temperature

- -10 - 55 °C (14 - 131 °F)

### Operating Humidity

- Max. 95% non-condensing

### Certifications

- CE
- FCC

### Dimensions

- 205 x 198 x 45 mm (8.1 x 7.8 x 1.8 in.)

### Weight

- 1.3 kg (3 lb.)

### Management Interface

- Live view: Single camera or quad-view
- Camera management\*:
  - On screen display: camera name, date, week, and date format
  - Image quality: brightness, contrast, saturation, hue, mirror
  - PTZ: pan, tilt, zoom, focus, iris, preset points, pattern, cruise, patrol
  - Motion detection: define custom motion detection areas, motion sensitivity, and triggering channels
  - Privacy masks: define custom privacy mask areas
  - Video tamper detection: trigger actions if the viewing field darkens suddenly
  - Video loss detection: trigger actions if the setup video is lost
- Scheduled recording: continuous and motion detection
- Video recording: Record up to Full 720p HD video
- 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
- IPv6 support

### Remote Viewing and Management

- User interface compatible with Internet Explorer® 9.0 or higher, Safari® 4.0 or higher

### Warranty

- 2 year limited

### Package Contents

- TV-NVR104
- 1 x 2 TB Hard Drive
- Network cable (1.8 m / 6 ft.)
- Optical mouse
- CD-ROM (User's Guide)
- Quick Installation Guide
- Power adapter (48 V DC, 1A)

\* See list of compatible cameras <http://www.trendnet.com/products/nvr-solutions>

\*\* Four weeks of continuous recording 4 cameras in 720p resolution at 30 fps (medium VBR) with 6 TB of storage (HDDs not included)

\*\*\* Two weeks of continuous recording per camera with preinstalled 2 TB HDD and 4 x 720p cameras at 30 fps (medium VBR)

