



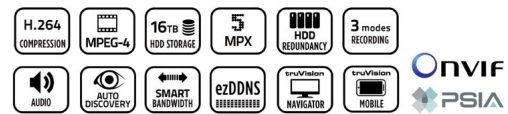
Product Data Sheet

TVN50

TruVision™ NVR 50, 32 channel Network Video Recorder

Overview

TruVision NVR 50 (TVN 50) is a robust high performance network video recorder. Having a total bandwidth of 80 Mbps available, the TVN 50 is able to connect up to 32 cameras, and provides support for high resolution recording including HD and Full HD. Additionally, the unit and its bandwidth allocation per channel is fully flexible, allowing you to get the maximum out of your TVN 50.



Extended recording performance

To accommodate for TVN 50's 32 incoming IP streams, 16 TB of on board storage is available, using eight two TB hard drives. These hard drives are front side accessible, allowing customers to easily expand storage as their system and/or requirements grow. Additionally, TVN 50 supports external eSATA devices, allowing you to extend the storage capacity even further. Furthermore, TVN 50 allows you to select from three recording modes; time lapse, event and alarm. These three can be used in various combinations, making sure data is stored in an efficient way as well as in a safe location.

Local or remote operation

TVN 50 allows users full flexibility in the way they want to configure, manage and monitor their video surveillance solution. In addition to management of the unit through its browser interface or TruVision Navigator, the TVN 50 allows users to also operate the recorder locally using its front panel controls, local VGA, HDMI and BNC outputs and its intuitive on screen display.

Ease of use

TVN 50 was designed to make system configuration and overall use easier for both the installer and end-users through features such as: ezDDNS, start-up wizards, plug & play hard drives, auto-discovery of natively supported cameras and most importantly, full compatibility with TruVision Navigator.

Standard Features

- Up to 32 IP camera streams
- Up to 16 TB internal storage
- H.264 & MPEG-4 dual-streaming
- Up to 5 MPX
- HD & Full HD support
- 80 Mbps for incoming streams
- Flexible bandwidth management
- ezDDNS
- HDMI, VGA and composite outputs
- Front panel controls
- Operations through OSD/browser/software
- USB archiving or video export
- Three recording modes – time lapse, event & alarm
- TruVision & UltraView IP camera support
- TruVision Encoder support
- Compatibility with TruVision Navigator 5.0 and higher
- Compatibility with TruVision Mobile
- Compatible with KTD-405U

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Specifications

Video/Audio input

- IP video input: Up to 32 channels
- Total bandwidth available: 80 Mbps in / 160 Mbps out
- Maximum bandwidth per channel: 8 Mbps
- Average bandwidth per channel: 2.5 Mbps in
- Bi-directional audio: 1-ch, RCA (2.0 Vp-p, 1k)

Recording

- Recording resolution: 5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
- CVBS output: 1-ch, BNC (1.0 Vp-p, 75) Resolution: 704 × 576 (PAL); 704 × 480 (NTSC)
- HDMI output: 1-ch, resolution: 1920 × 1080P / 60Hz, 1920×1080P / 50Hz, 1600 × 1200 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz
- VGA output: 1-ch, resolution: 1920 × 1080P / 60Hz, 1600 × 1200 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz
- Audio output: 2-ch, RCA (Linear, 600)
- Playback resolution: 5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
- Synchronous playback: 16-ch
- SATA: 8 SATA interfaces
- eSATA: 1 eSATA interface
- Capacity per HDD: 2 TB
- Maximum onboard storage capacity: 16 TB
- Recording modes: Time lapse, Event, Alarm

External interface

- Network interface: 2 RJ-45 10 / 100 / 1000 Mbps self-adaptive Ethernet interfaces
- Serial interface: 1 RS-232 interface (for parameters configuration, maintenance, transparent channel); 1 RS-485 interface input, 1 RS-485 interface output (reserved)
- USB interface: 3 x USB 2.0
- Alarm interface: 16 Alarm In, 4 Alarm Out

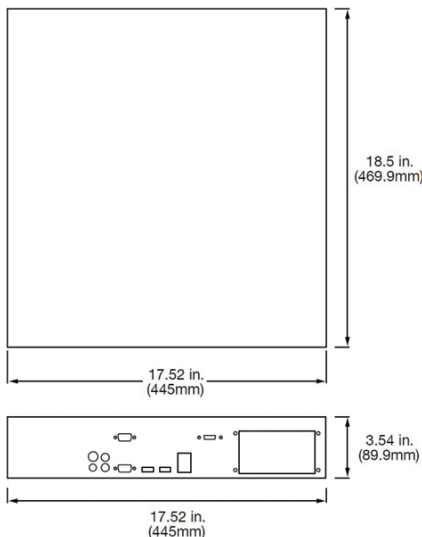
General

- Power supply: 100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz
- Power consumption (without hard disk): 45 W
- Operating temperature: -10 °C ~+55 °C (14°~131°)
- Operating humidity: 10 % ~ 90 %
- Chassis: 19-inch rack-mounted 2U chassis
- Dimensions (W × D × H): 445 x 470 x 90 mm (17.52" x 18.5" x 3.54")
- Weight (without hard disk): 8 Kg (17.64 lb)

Operations

- Local: On screen display & control through front panel / USB mouse / IR remote
- Remote: Built in browser interface
- Browser requirements: Windows Internet Explorer version 6,7,8,and 9; Mozilla Firefox version 3.5 and above, Google Chrome version 8.0 and above
- Software: TruVision Navigator 5.0 and above

Diagram



- Mobile applications: TruVision Mobile 1.XX and above

Supported devices

- Interlogix IP cameras: TVC-N, TVC-M, TVD-N, TVD-M, UVC-IP, UVD-IP, UVP-N, UVP-M
- Interlogix Encoders: TVE-400, TVE-800, TVE-1600
- Third party IP cameras: Consult IP camera compatibility list

Ordering Information

- TVN-5032-2TEA
TruVision™ NVR 50, 32 channels, 2TB
- TVN-5032-4TEA
TruVision™ NVR 50, 32 channels, 4TB
- TVN-5032-8TEA
TruVision™ NVR 50, 32 channels, 8TB
- TVN-5032-12TEA
TruVision™ NVR 50, 32 channels, 12TB
- TVN-5032-16TEA
TruVision™ NVR 50, 32 channels, 16TB

