TVN-5032-2TEA

TruVision™ NVR 50, 32 channels, 2TB

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.

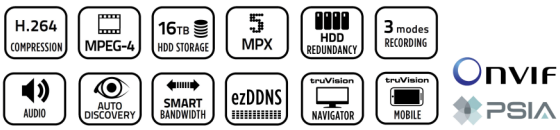
Local or remote operation

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.





Details

- 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 4.0 SP6 and higher
- Compatibility with TVRmobile 1.2 and higher
- Compatible with KTD-405U
- Product compliant to the decree of August 3, 2007 defining the technical requirements of CCTV systems in France

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Technical specifications

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)

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, 1kΩ)

Recording

Recording resolution:	5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
CVBS output:	1-ch, BNC (1.0 Vp-p, 75 Ω) 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, 600Ω)
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

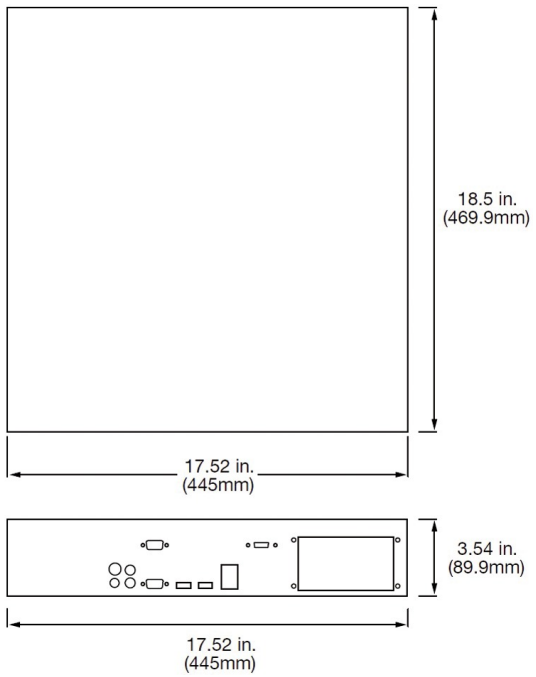
Network interface:	2 RJ-45 10 / 100 / 1000 Mbps self-adaptive Ethernet interfaces
Serial interface:	1 RS-232 interface (for parameters configuration, maintenance, transparent channel); 1 RS-485 interface input, 1 RS-485 interface output (reserved)
USB interface:	3 x USB 2.0
Alarm interface:	16 Alarm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

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 4.0 SP6 and above
Mobile applications:	TVRmobile 1.2 and above

Supported devices

Interlogix IP cameras:	TVC-N, TVC-M, TVD-N, TVD-M, UVC-IP, UVD-IP, UVP-N, UVP-M
Third party IP cameras:	Consult IP camera compatibility list



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