



TVN10

TruVision™ NVR 10, Plug&Play 8/16 channel HD NVR, 1.5U

Overview

TruVision NVR 10 (TVN 10) is a plug-and-play entry-level network video recorder. It stands out because of its ease of use and straightforward plug-and-play camera network configuration. TVN 10 represents a highly flexible solution, available in a 8 or 16 IP channel version – with and without camera PoE ports.

Plug & Play

Setting up TVN 10 is easy. Its embedded PoE ports allow you to connect IP cameras as they were analog cameras. When plugged in, cameras are automatically assigned IP addresses, added to the recorder and set up at default configuration. Each IP camera can also be set up individually to ensure full flexibility.

Each plug & play port can be configured to provide no power, PoE-af or PoE-at to its connected IP camera. This setup can easily and intuitively be configured in the recorder's user interface.

Storage

TVN 10 features two embedded SATA ports, allowing a maximum of 4TB on the 8 channel variant and 6 TB on the 16 channel variant. As such, the unit is designed to provide 15 days of storage at HD @ 15fps on each channel. By lowering the resolution and frame rate or by changing the recording schedules, more days of storage can easily be achieved.

Local or remote operation

TVN 10 is designed to be flexible – not only in its deployment and product selection, but also in its day to day operations. The unit can be fully controlled locally using the front panel buttons and mouse, displaying high resolution Full HD video on its local monitor VGA or HDMI video outputs. Alternatively, TVN 10 can be operated remotely using its full featured web browser interface or using the TruVision Navigator and TVRmobile software applications.



Standard Features

- Up to 8 Plug & Play PoE ports
- Automatic setup of IP address, resolution & other settings through Plug&Play ports
- Up to 8/16 IP network cameras, depending on model
- 40/80 Mbps for incoming streams, depending on model
- PoE-af & PoE-at support
- Flexible PoE budgetting
- Up to 4/6 TB internal storage, depending on model
- Up to 5 MPX resolution support
- HD & Full HD real-time support
- Start-up wizard for quick and easy installation
- ezDDNS
- H.264 & MPEG-4 dual streaming
- Reverse video playback
- Flexible bandwidth management
- HDMI&VGA video outputs
- Full set of front panel controls
- USB 3.0 support
- Compatibility with TruVision Navigator 5.0 SP2 and higher
- Compatible with TVRmobile for Android & iOS
- Compliant to the decree of August 3, 2007 defining the technical requirements of CCTV systems in France

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Specifications

Video/Audio input	
Total bandwidth available:	40/80 Mbps in
Maximum bandwidth per channel:	16 Mbps
IP camera input:	8/16 channels
Video compression standards supported:	H.264, MJPEG, MPEG-4
Bi-directional audio:	1-ch, RCA (2.0 Vp-p, 1 k Ohm)

Viewing	
OSD viewing resolutions:	Full HD 1080p, SXGA, HD 720p, UXGA, XGA
Remote viewing resolutions:	Up to 5 MPX - depending on remote client capabilities
HDMI & VGA output resolutions:	Full HD 1080p, SXGA, HD 720p, UXGA, XGA
HDMI version:	1.4
BNC output:	-
Digital zoom:	Up to x16

Playback	
Playback resolution:	Up to 5 MPX
Synchronous playback OSD:	Up to 8ch
Synchronous playback web browser:	Up to 4ch
Reverse playback OSD:	Up to 1ch
Reverse playback browser:	Up to 4ch

Recording	
Recording resolution:	5MPX / 3MPX / Full HD 1080p, UXGA / HD 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Internal SATA slots:	2
Maximum capacity supported:	4/6 TB
Capacity per SATA drive:	2/3 TB
Recording modes:	Time lapse High, Time lapse Low, Event, Alarm, Manual
External storage:	-

Networking	
Network interface:	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
ezDDNS:	Yes
DDNS:	Yes
Total viewing bandwidth available:	80/80 Mbps out
Total viewing streams available:	16/16 out

External interface	
IP camera interface:	8 PoE IP camera ports (optional)
PoE support:	PoE-af / PoE-at
PoE budget:	Max. 120 W
Plug-&Play functionality:	Yes, Supported cameras only
Serial interface:	-
USB interface:	1 x USB 2.0 (front), 1 x USB 3.0 (back)
Alarm interface:	4 alarm in, 1 alarm out

General	
Power supply:	PoE Model: AC 100V~240V, Non-PoE Model: DC12V
Power consumption (without hard disk):	PoE Model: 180W, Non-PoE Model: 10W
Operating temperature:	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Operating humidity:	10% ~ 90%
Chassis:	1.5U desk-based chassis
Dimensions (W x D x H):	362 x 332 x 79 mm
Weight (without hard disk):	? 8 kg

Operations	
Local:	On screen display - VGA or HDMI
Remote:	Browser interface / TruVision Navigator / TVRmobile
Browser requirements:	IE 8 9 10 11

Software:	TruVision Navigator 5.0 SP2 or later
Mobile applications:	TVRmobile 2.0 or later
Integrated solutions:	Advisor, OnGuard (planned), TruPortal (planned), MasterMind

Supported devices	
Interlogix IP cameras:	Consult IP camera compatibility chart
UltraView IP cameras:	TVE-400, TVE-800, TVE-1600
Third party IP cameras:	Onvif Profile S

Ordering Information

Part No.	Description
TVN-1008-2T	TruVision NVR 10, 8 channels, 40 Mbps, 2TB
TVN-1008-4T	TruVision NVR 10, 8 channels, 40 Mbps, 4TB
TVN-1016-3T	TruVision NVR 10, 16 channels, 80 Mbps, 3TB
TVN-1016-6T	TruVision NVR 10, 16 channels, 80 Mbps, 6TB
TVN-1008S-2T	TruVision NVR 10, 8 channels, 8 channel PoE, 40 Mbps, 2TB
TVN-1008S-4T	TruVision NVR 10, 8 channels, 8 channel PoE, 40 Mbps, 4TB
TVN-1016S-3T	TruVision NVR 10, 16 channels, 8 channel PoE, 80 Mbps, 3TB
TVN-1016S-6T	TruVision NVR 10, 16 channels, 8 channel PoE, 80 Mbps, 6TB

