TVN-1016-3T

TruVision NVR 10, 16 channels, 80 Mbps, 3TB

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.



Details

- 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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Technical specifications

General

Technology	IP
Operating system	Embedded Linux
Rack mountable	Yes
Rack stacking size	1.5 U
Removable fan	No
Redundant power supply	No

Video / audio input

Camera channels	16
IP camera channels	16
Max. bandwidth per channel	16
Camera bandwidth	80
Max. IP audio in	16
Max. analog audio In	1
Supported video compression standards	H.264, MPEG-4
Supported video streaming standards	Onvif, PSIA, RTSP

Local viewing

HDMI output	1
HDMI version	1.4
VGA output	1
Max. local output resolution	Full HD 1080p

Remote viewing

Total available viewing bandwidth	80
Software compatibility	Advisor Management Software (ATS8600), MASterMind, OnGuard, TruPortal
Browser compatibility	Internet Explorer

Storage

Storage capacity	3 TB
SATA interfaces	2
Max. capacity per SATA HDD (TB)	3
Maximum recording resolution	6 MP
Recording modes	Alarm, Event, Manual, Time-lapse high, Time-lapse low
Hard drive redundancy	No
Hard drive grouping	No
Hot swappable HDDs	No
SAS extension	No
Flip-open front panel	No
Auto archiving	No
Hot spare recorder	No
Edge failover recording	No

Networking

Network interface cards (NIC)	1
NIC type	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Network ports per NIC	1
Plug & Play PoE support	No
DNS support	DDNS, ezDDNS, No-IP
HTTPS support	No

External interfaces

USB interface back	1
USB interface front	1
Alarm inputs	4
Alarm outputs	1
Max. analog audio outputs	1

Electrical

Operating voltage	12 VDC
Power consumption without HDD (W)	10

Physical

Physical dimensions	362 x 332 x 79 mm
Colour	Black

Environmental

Operating temperature	-10 to +55 °C
Relative humidity	10 to 90% noncondensing

Regulatory

Compliancy	CE, REACH, RoHS, UL

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