



# TVN-1204c-2T

## TruVision NVR 12, 4 channels, 40 Mbps, 2 TB

### Why the TVN 12?

The TVN 12c recorder series offers a full-featured, compact recording solution for IP cameras with a maximum resolution of 8 MP(4K).

The TVN-1204c is a cost-effective, easy-to-use recorder capable of recording up to four IP cameras.

### Ease to use

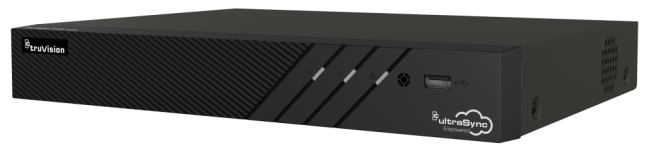
A setup wizard with auto detection of IP cameras guarantees a fast installation of the recorder.

The TVN 12c can be added to the internet without port forwarding or VPN, thanks to the built-in UltraSync connectivity. Showing remote video on mobile applications was never easier.

In combination with dedicated TruVision cameras that can support people and/or vehicle detection, the TVN 12 recorder series can find relevant events faster and without efforts.

### Applications

The TVN 12c is the ideal recording solution for small commercial and residential applications, where ease of use and fast deployment time are important.



### Details

- Linux embedded Plug and Play configuration
- Supports H.264, H.265 and H.265+ encoding, depending on the cameras
- Up to 40 Mbps camera recording bandwidth
- Up to four IP channels with a maximum resolution of 4K (8 MP)
- 2 TB embedded storage
- Real time recording (Up to 4 MP)
- HDMI/VGA monitor output
- TruVision IP camera auto-detection
- IP camera configuration import/export
- UltraSync support for remote access without port forwarding
- Motion detection, VCA, privacy masking and tamper detection
- Dedicated people/vehicle detection in combination with supported cameras
- Third party camera support via ONVIF Profile S or RTSP (custom protocols)
- Integration of Carrier IP intrusion panels via SIA/XSIA reporting
- TVK-600 IP keypad support
- USB DVD burner support
- Full browser-, OSD- and software-based access for live, recorded video & configuration
- TVRMobile app for iOS and Android for remote viewing
- TruVision Navigator license-free client/host or standalone application support
- External integration through SDK

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## Technical specifications

### General

Technology	IP
Operating system	Embedded Linux
Rack mountable	No

### Video/audio input

Camera channels	4
IP camera channels	4
Camera bandwidth	40 Mbps
Audio compression	G.711alaw, G.711ulaw, G.722, G.726
Max. IP audio in	4
Max. analog audio in	1
Supported video compression standards	H.264, H.265, H.265+
Supported video streaming standards	Onvif, RTSP Custom Protocols

### Local viewing

HDMI output	1
HDMI version	1.4, 2.0
VGA output	1
Max. local output resolution	4K
Synchronous playback OSD (channels)	Up to 4 channels (1080P)

### Remote viewing

Total available viewing bandwidth	80 Mbps
Max. live viewing streams	128 streams
Max. playback viewing streams	Max. 8 streams
Max. simultaneous playback web browser	Up to 8 channels
Reverse playback web browser (channels)	Up to 8 channels
Software compatibility	Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile
Browser compatibility	Google Chrome, Internet Explorer, Mozilla Firefox, Safari

### Storage

Storage capacity	2 TB
SATA interfaces	1
Max. capacity per SATA HDD (TB)	8
Maximum recording resolution	4 K
Recording modes	Continuous, Event, Manual
External storage	NAS
Edge failover recording	Yes

### Networking

Network interface cards (NIC)	1
NIC type	RJ-45 10/100 Mbps self-adaptive Ethernet interface
DNS support	DDNS, ezDDNS, No-IP
HTTPS support	Yes

### External interfaces

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

### Electrical

Power supply type	12 VDC
Power consumption without HDD (W)	≤ 10 W

### Physical

Physical dimensions	320 x 240 x 48 mm (W x D x H)
Net weight	1.1 kg
Colour	Black

### Environmental

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

### Regulatory

Compliance	CE, FCC, RCM, REACH, RoHS, UKCA, UL, WEEE
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