UTC Fire & Security
A United Technologies Company

TVR12c

TruVision DVR 12, 4 channel entry level 960H DVR

Overview

Truvision™ DVR 12 (TVR 12) takes TruVision entry level DVRs to the next level of quality, introducing 960H image technology. The line represents a reliable and easy-to-use 4, 8 or 16 channel analog 960H video recorder with optional DVD burner. It utilizes H.264 video compression technology to deliver real-time recording on each channel at 960H resolution.
For user-friendly operations, remote management and reliable, real-time recording, the TVR 12 represents a comprehensive solution that fits your needs as well as your budget.
Additionally, the compact 4 channel TVR12c version provides a discreet and practical solution.

Superior image quality

TVR 12's 960H technology allows the unit to fully benefit from higher TVL cameras up to 700 TVL. Its 960H resolution (960x480) is more than 30% larger than standard 4CIF or D1 images and allows you to show more details within one view. When bundling TVR 12 with the latest available 700 TVL cameras, this unit truly provides the best available images in conventional CCTV.

Remote operation and management

Additional to its local operation capabilities using HDMI, VGA or BNC outputs, the TVR 12 has a built-in multilingual web browser and access through mobile apps which allow you to stay connected remotely via web-enabled devices.
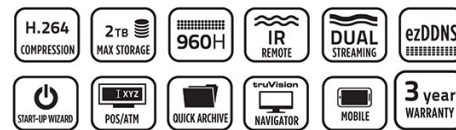Login via your smart phone or tablet to monitor facilities, people or valuables, or configure, monitor and control the system remotely with TruVision Navigator.
TruVision Navigator allows the TVR 12 to integrate easily with existing systems and features a familiar, user-friendly interface. Start-up wizards make installation and DDNS setup quick and simple.

Storage and archiving

The TVR 12 allows you to use up to two embedded 2 TB HDDs, totaling up to 4TB.
Video can also be archived via CD, DVD, USB and eSATA devices using either the quick archive button on the unit's front panel, or the export features embedded in the OSD, web browser or TruVision Navigator.

Standard Features

- 4 channel real-time 960H recording
- HDMI, VGA & BNC video outputs
- H.264 compression technology
- Start-up wizards for quick and easy installation, search and playback
- One-channel reverse video playback for efficient search operations
- Triple monitor support – Monitor A, B and spot monitor
- Up to 1/2 TB of internal storage
- Time lapse, event and alarm recording settings
- User friendly, icon based user interface
- E-mail notification including images upon alarm or event
- PTZ control via mouse, front panel buttons, IR remote controller or KTD-405U/TVK-800 keypad
- TVRmobile app for smart phones and tablets allows you to monitor your system from any location
- Fully compatible with TruVision Navigator 5.0 SP2 or higher

TVR12c

TruVision DVR 12, 4 channel entry level 960H DVR

Specifications

Video/Audio input

Video compression:	H.264
Video input No.:	4 channels
Video input interface:	BNC (1.0 Vp-p, 75), PAL /NTSC self-adaptive
Audio compression:	G711 (4/8 ch), G722 (16 ch)
Audio input:	1-ch, RCA (2.0 Vp-p, 1 k)
Bi-directional audio:	1-ch, resolution: 1920 × 1080P / 60 Hz ,1600 × 1200 / 60 Hz,1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz

Video/Audio output

HDMI & VGA output:	1-ch, resolution: 1920 × 1080P / 60 Hz ,1600 × 1200 / 60 Hz,1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz
BNC output:	1-ch, BNC (1.0 Vp-p, 75), resolution: PAL: 704 × 576, NTSC: 704 × 480
Video Loopout:	4 channels
Encoding resolution:	960H / 4CIF / 2CIF / CIF / QCIF
Frame rate:	25/30fps @ 960H
Video bit rate:	32 Kbps ~ 3072 Kbps, or user defined (Max. 3072 Kbps)
Audio output:	1-ch, RCA (Linear, 600)
Audio bit rate:	64 Kbps (4 & 8 ch), 16 Kbps (16 ch)
Dual-stream:	Support; Sub-stream: CIF @ 6 fps, QCIF @ 25 fps (P) / 30 fps (N)
Stream type:	Video, Video & Audio
Synchronous playback:	4 channels
Reverse playback:	1 channel
Maximum outgoing streams:	64 Live or 64 playback on all models

Hard disk / DVD burner

SATA:	1 SATA interface
HDD Capacity:	1 / 2 TB

External interface

Network interface:	1, RJ45 10M / 100M Ethernet interface
Serial interface:	1 RS-232 interface (for Probridge, Challenger, Technical Support); 1 RS-485 interface (for PTZ control or KTD405 keyboard control)
Alarm interface:	4 Alarm Input, 1 Alarm Output
USB interface:	2, USB 2.0

General

Power supply:	12 VDC external PSU included)
Consumption (without hard disk):	10 W (4 ch), 15 W (8 ch), 20 W (16 ch)
Working temperature:	-10 °C to +55 °C (14°F to 13°F)
Working humidity:	10% to 90%
Chassis :	Standalone 1U chassis
Dimensions (W × D × H):	315 x 236.5 x 47.5 mm
Weight (without hard disk or DVD-R/W):	3 kg (6.62lb)

Remote viewing

Web Browser:	Windows Internet Explorer version 6,7,8,and 9, 10, 11; Mozilla Firefox version 3.5 and above, Google Chrome version 8.0 and above
TruVision Navigator:	Version 5.0 Service Pack 2 and above

Ordering Information

Part No.	Description
TVR12c	TruVision DVR 12, 4 channel entry level 960H DVR

UTC Fire & Security
A United Technologies Company