

TVR44HD

TruVision™ DVR 44 HD, HD-TVI Hybrid 8/16 channel recorder

Overview

The TruVision DVR 44HD (TVR 44HD) is a full-featured HD Hybrid video recorder capable of recording up to 8 or 16 camera inputs. This HD Hybrid recorder is uniquely qualified to upgrade existing analog installations, offering a competitive, feature-rich and practical solution for the market of HD analog, standard analog and hybrid recorders.

A true HD hybrid

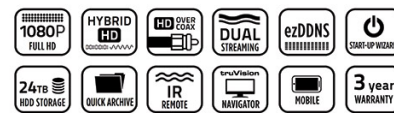
Using the open HD-TVI technology, TVR 44HD can connect any HD-TVI camera, offering HD and Full HD resolutions over existing coax cabling. Next to HD-TVI, TVR 44HD also connects standard analog cameras, allowing you to reuse existing analog cameras which do not yet need to be replaced/upgraded. Finally, TVR 44HD is capable of connecting all of its channels on IP, making this a true HD Hybrid series.

Advanced functionality

TVR 44HD represents a full-featured HD-TVI recorder that is designed to reduce setup and installation time while also offering advanced video review and analysis features. This functionality includes: video content analysis (VCA) on two analog channels, support for IP camera VCA, auto-archiving, NAS & eSATA support for additional storage, front panel accessible hard drives for service and expansion, and many more.

HD-TVI technology

HD-TVI allows you to run a Full HD analog signal over existing standard coax cabling, following the same specifications as for standard analog systems today. Additionally, TVR 44HD allows you to access the local on-screen-display menu of TruVision HD-TVI cameras through over-the-coax control. This saves time in setup and facilitates maintenance afterwards.



Standard Features

- Up to 8/16 cameras (HD-TVI, IP or analog)
- Open HD-TVI technology
- Over-the-coax control for TruVision HD-TVI cameras
- Use existing coax cabling for HD-TVI cameras
- Real-time Full HD recording
- Up to 24 TB of internal storage
- Expandable storage with NAS or eSATA
- Hard drive grouping & mirroring
- Front side accessible hard drives
- Dual stream recording
- Auto-archiving
- VCA for two analog channels
- Text overlay for POS/ATM
- Reverse video playback
- USB archiving
- Start-up wizard for quick and easy installation
- HDMI, VGA and BNC video outputs
- V-stream support
- Front panel controls
- Operations through OSD/browser/software
- TruVision Navigator support
- Mobile app for iOS, Android & Windows Mobile
- ezDDNS
- IP keypad support
- Integration into various UTC software platforms

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Specifications

Video/Audio input

Analog camera input:	Up to 8/16 channels
IP camera input:	Up to 8/16 channels
Maximum bandwidth per channel:	6 Mbps
Video compression standards supported:	Only H.264
Audio input (recorded)	4-ch, RCA (2.0 Vp-p, 1 k Ohm)
Audio input (not recorded)	1-ch, RCA (2.0 Vp-p, 1 k Ohm)

Video/Audio output

BNC 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
HDMI version:	1.4
VGA output:	1-ch, resolution: 1920 × 1080P / 60Hz, 1600 × 1200 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz
Digital zoom:	Up to x16
Playback resolution:	Up to Full HD 1080p
Audio output:	2-ch, RCA (Linear, 600 Ohm)
Synchronous playback OSD:	Up to 8/16 channels
Simultaneous playback browser:	Up to 8 tiles for TVR4408 and 16 tiles for TVR4416, depending on PC performance and network bandwidth
Reverse playback OSD:	Up to 1ch
Reverse playback browser:	Up to 8 tiles for TVR4408 and 16 tiles for TVR4416, depending on PC performance and network bandwidth

Recording

Recording resolution:	1080P / 720P / 960H / VGA / 4CIF / CIF / QVGA (substream) / QCIF(substream)
SATA:	4 SATA interfaces
Maximum onboard storage capacity:	24 TB
Recording modes:	Time lapse High, Time lapse Low, Event, Alarm, Manual
Fliptop front panel:	Yes
Dual stream recording:	Up to 4/8 channels
Auto-archiving	Yes

Networking

Network interface:	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
ezDDNS:	Yes
DDNS:	Yes
no-IP.com:	Yes
Total viewing streams available:	128 streams
Total bandwidth available:	200 Mbps in/out

External interface

Serial interface	1 RS-232 interface (configuration, maintenance, POS/ATM link)
USB interface:	2 x USB 2.0 (front), 1 x USB 2.0 (back)
Alarm interface:	16 alarm in, 4 alarm out

General

Power supply:	100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz
Power consumption (without hard disk):	less than 45 W
Operating temperature:	-10 °C to +55 °C (14 °F to 131 °F)
Operating humidity:	10% ~ 90%
Chassis:	1.5U rack mountable or desk-based chassis
Dimensions (W x D x H):	442 × 371 × 74 mm
Weight (without hard disk):	less than 8 kg

Operations

Local:	Front panel / IR remote / USB mouse
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Remote:	IP keypad / Browser interface / TruVision Navigator / TVRmobile
Browser requirements:	IE 8 9 10 11

Ordering Information

Part No.	Description
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