

UTVR44HD

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 analogue installations, offering a competitive, feature-rich and practical solution for the market of HD analogue, standard analogue 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 analogue cameras, allowing you to reuse existing analogue 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 analogue 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 analogue signal over existing standard coax cabling, following the same specifications as for standard analogue 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.

UTVN21S

TruVision™ NVR 21S, 8/16 channel Plug&Play HD Network Video Recorder

KEY FEATURES	
Up to 8/16 cameras (HD-TVI, IP or analog)	✓
Open HD-TVI technology	✓
Over-the-coax control for TruVision 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	✓
Auto archiving	✓
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	✓

TECHNICAL DATA	
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)
BNC output:	1-ch, BNC (1.0 Vp-p, 75 ?) 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

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VIDEO/AUDIO INPUT - CONTINUED	
HDMI version:	1.4
VGA output:	1-ch, resolution: 1920 × 1080P / 60Hz, 1920×1080P / 50Hz, 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 files for TVR4408 and 16 files for TVR4416, depending on PC performance and network bandwidth
Reverse playback OSD:	Up to 1ch
Reverse playback browser:	Up to 8 files for TVR4408 and 16 files 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 on-board 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%

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General - Continued	
Chassis:	1.5U rack mountable or desk-based chassis
Dimensions (W x D x H):	442 x 371 x 74 mm
Weight (Without hard disk):	Less than 8 kg

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

