

DVR 44HD

High Definition over Coax
Hybrid Video Recorder



OVERVIEW

The TruVision DVR 44HD (TVR 44HD) is a cost-effective, digital video recorder with 8 or 16-channel capabilities. The DVR 44HD utilizes TVI high definition technology to deliver mega pixel quality over standard coax cable. The DVR 44HD is a true hybrid design and can support any combination of standard analog, analog HD-TVI or IP cameras. The recorder can start out with analog cameras and provides easy one-for-one exchange for analog to IP cameras as a system is being migrated to and IP video system as budget allows.

A built-in Web browser and access via mobile apps allow you to stay connected remotely via any Web-enabled device. Login via smartphone or tablet to configure, view, search, archive and monitor facilities, people or valuables. In addition to browser, software and mobile device management tools, the DVR 44HD's familiar front panel controls allow for easy operation. Compatible with TruVision Navigator, the DVR 44HD integrates easily with existing systems and features a familiar, user-friendly interface. Start-up Wizards make installation and DDNS setup quick and simple.

Up to four user-serviceable internal hard disk drives are accessible via the drop-down front panel and may be configured for a total internal hard drive capacity of 2TB~16TB, making the DVR 44HD ideal for extended storage or megapixel camera applications. In addition, video can also be archived via USB memory stick. For user-friendly, remote management and reliable recording, the DVR 44HD represents a comprehensive solution to fit your needs and budget.

STANDARD FEATURES

Camera Support

- Supports any combination of standard analog, analog HD-TVI or IP cameras
- Up to 8/16 HD cameras in real-time (30fps)
- TVI over coax technology supports up to 1080p HD resolution
- High definition TVI cameras can be used with standard RG59 coax cable
- Easy full channel one-for-one exchange for analog to IP cameras

Recording Capabilities

- 8 or 16-channel real-time recording
- Features up to 16TB internal storage
- User-serviceable internal hard disk drives are accessible via the drop-down front panel
- Time lapse, event, alarm and manual recording settings
- E-mail notification upon alarm with attached images
- Simple one-button archive video via USB 2.0
- Disk analysis for graphical hard drive evaluation

Installation and Operation

- Familiar, user-friendly interface
- Start-up Wizards for quick and easy installation, search and playback
- Integrates easily with existing systems

Local or Remote Control and Monitoring

- PTZ and dome camera control via mouse, front panel, IR remote control or optional TVK-800 IP Keypad
- HDMI output for high-quality local viewing
- Triple monitor support - HDMI, VGA and Analog
- Fully compatible with TruVision Navigator software
- Mobile apps allow you to connect remotely via smartphone or tablet to keep an eye on facilities, people or valuables

DVR 44HD

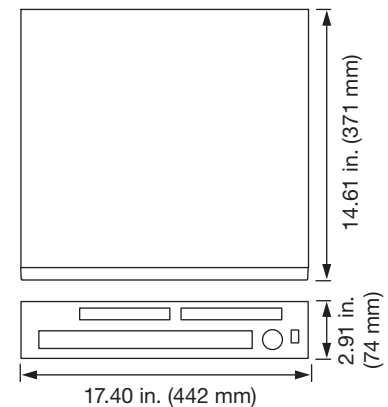
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Specifications

Model	TVR-4408HD		TVR-4416HD	
Video/ Audio Input	Video Compression	H.264		
	Analog Video Input	8-channel, BNC, (1.0 Vp-p, 75 Ω), PAL/NTSC self-adaptive, HD-TVI		16-channel, BNC, (1.0 Vp-p, 75 Ω), PAL/NTSC self-adaptive, HD-TVI
	No. IP Channels	Up to 8-channels*		Up to 16-channels*
	Audio Compression	G711		
	Audio Input	4-channel, RCA, (2.0 Vp-p, 1 Ω)		
	Two-Way Audio	1-channel (Reduplicated with Audio input 1), RCA (2.0 Vp-p, 1 kΩ)		
Video/ Audio Output	HDMI Output	1-channel, resolution: 1920x1080/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		
	VGA Output	1-channel, resolution: 1920x1080/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		
	Analog Output	1-channel, BNC, (1.0 Vp-p, 75 Ω)		
	Video Loop Out	N/A		
	Encoding Resolution	1080p/720p/960H/4CIF/2CIF/CIF/QCIF		
	Frame Rate	30 fps @ 960H 30 fps @ 720p 30 fps @ 1080p		
	Maximum Total Video Bit Rate (In/Out Combined)	200Mbps		
	Video Content Analysis	Supports cross-line and intrusion detection on up to 2 analog channels		
	Audio Output	2-channels, RCA		
	Audio Bit Rate	64 Kbps		
	Dual-Stream	Supports full live and limited recording		
	Stream Type	Video, Video & Audio		
	Playback Resolution	1080p/720p/960H/4CIF/2CIF/CIF/QCIF		
	Synchronous Playback	8-channel		16-channel
	Hard Disk	Capacity	Up to 4TB capacity for each disk	
SATA		(4) SATA interfaces		
eSATA		(1) eSATA interface		
NAS		Supported		
External Interfaces	Network Interface	(1) RJ45 10/100/1000Mbps		
	Serial Interface	(1) RS-232 Interface (for Probridge, Challenger, Technical Support); (1) RS-485 interface (for PTZ control or KTD-405 keyboard control)		
	Network Protocols	IP, TCP, UDP, DNS, ARP, SNMP, SMTP, NTP, FTP, DDNS, Telnet, HTTP, RTSP, UPnP		
	USB Interface	(3) USB 2.0		
	Alarm In/Alarm Out	16/4		
	DVD Burner	Not available		
General	Power Supply	100~240 VAC		
	Consumption (without hard disk or DVD-R/W)	≤ 20 W		≤ 30 W
	Working Temperature	14°F~131°F (-10°C~+55°C)		
	Working Humidity	10%~90%		
	Chassis	1.5U (Rack Mount Included)		
	Dimensions (W x D x H)	17.40 × 14.61 × 2.91 in. (442 × 371 × 74mm)		
	Weight	≤ 17.6 lbs. (8kg) (without hard disk)		
	Web Browser Support	Windows Internet Explorer version 6 and above (may require compatibility mode); Mozilla Firefox version 3.5 and above; Google Chrome version 8.0 and above		
	Certifications	UL, CE		

Dimensional Diagram

TVR-4408HD, TVR-4416HD



Ordering Information

TVR-4408HD-2T	TruVision® DVR 44HD, 1080p HD, H.264, 8-Channels, 2TB Storage
TVR-4408HD-4T	TruVision DVR 44HD, 1080p HD, H.264, 8-Channels, 4TB Storage
TVR-4408HD-8T	TruVision DVR 44HD, 1080p HD, H.264, 8-Channels, 8TB Storage
TVR-4408HD-12T	TruVision DVR 44HD, 1080p HD, H.264, 8-Channels, 12TB Storage
TVR-4416HD-2T	TruVision DVR 44HD, 1080p HD, H.264, 16-Channels, 2TB Storage
TVR-4416HD-4T	TruVision DVR 44HD, 1080p HD, H.264, 16-Channels, 4TB Storage
TVR-4416HD-8T	TruVision DVR 44HD, 1080p HD, H.264, 16-Channels, 8TB Storage
TVR-4416HD-16T	TruVision DVR 44HD, 1080p HD, H.264, 16-Channels, 16TB Storage



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Specifications subject to change without notice.

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*For every IP channel used, an analog channel must be turned off.