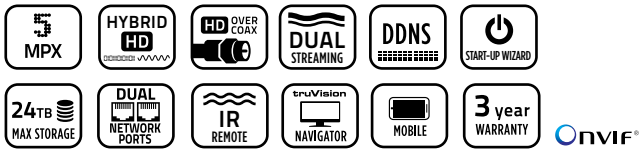


DVR 45HD

High Definition over Coax
Hybrid Video Recorder



OVERVIEW

The TruVision DVR 45HD (TVR 45HD) by Interlogix is a cost-effective, digital video recorder with 8 or 16-channel capabilities. This recorder utilizes HD-TVI high definition technology to deliver megapixel quality over standard coax cable. The DVR 45HD is a true hybrid design and can support a 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 an IP video system.

The DVR 45HD's front panel controls allow for easy operation. Up to four user-serviceable internal hard disk drives are accessible via the drop-down front panel. These drives can be configured for a total internal hard drive capacity up to 24TB making the DVR 45HD ideal for extended storage or megapixel camera applications. In addition, video can also be archived via USB memory stick.

A built-in Web browser and access via mobile apps allow users to stay connected remotely via a Web-enabled device. Login via smartphone or tablet to configure, view, search, archive and monitor facilities, people or valuables. Compatible with TruVision Navigator, the DVR 45HD integrates easily with existing systems and features a user-friendly interface. Start-up Wizards also make installation and DDNS setup quick and simple.

STANDARD FEATURES

Camera Support

- Standard analog, analog HD-TVI (up to 5MP)* or IP cameras (up to 4MPx) support
- Up to 8/16 HD cameras in real-time (30fps)
- HD-TVI over coax technology that supports up to 5MPx HD resolution
- The ability to use High definition HD-TVI cameras 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
- Up to 24TB internal storage
- RAID 0,1,5,10 support
- User-serviceable internal hard disk drives 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

- User-friendly interface
- Start-up Wizards for quick and easy installation
- Integration 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
- 2 HDMI outputs for local viewing
- Triple monitor support - HDMI, VGA and Analog
- Dual GigE network ports
- Works with TruVision Navigator
- Remote connection via smartphone or tablet using mobile apps

* Please refer to the specification table for channel limitations when using 5 MPx cameras.

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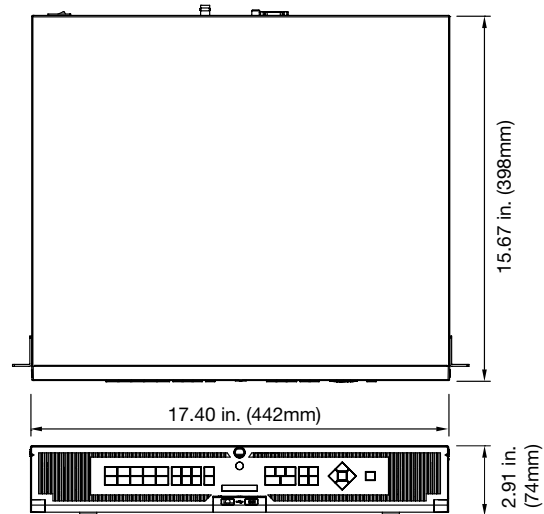
Specifications

Model	TVR-4508HD	TVR-4516HD		
Video/Audio Input	Video Compression	Analog/HD-TVI: H.264; IP cameras: H.264 or H.265		
	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. of 5MPx Channels	2	4	
	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	HDMI 1: mirrors output content of VGA port HDMI 2: independent output; supported resolutions: 3840x2160/30Hz, 2560x1440/60Hz, 1920x1080/60Hz, 1280x720/60Hz, 1024x768/60Hz, with integrated audio		
	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	5MPx@12fps/4MPx/3MPx@15fps/1080p/720p/WD1/4CIF/VGA/CIF		
	Frame Rate	30 fps @ 960H; 30 fps @ 720p; 30 fps @ 1080p		
	Maximum Total Video Bit Rate (In/Out Combined)	8-ch: 200Mbps 16-ch: 260Mbps		
	Video Content Analysis	Supports cross-line and intrusion detection on all analog channels		
	Audio Output	VGA or BNC video: 2-channel audio via RCA ports HDMI video: integrated audio support via HDMI port		
	Audio Bit Rate	64 Kbps		
	Dual-Stream	Supports full live and limited recording		
	Stream Type	Video, Video & Audio		
	Local Playback Resolution	1080p/720p/960H/4CIF/2CIF/CIF/QCIF		
	Synchronous Playback	8-channel	16-channel	
	Hard Disk	Capacity	Up to 6TB capacity for each disk	
		RAID Support	Supports RAID 0,1,5,10	
		SATA	(4) SATA interfaces	
		eSATA	(1) eSATA interface	
		NAS	Supported	
Network Interface		(2) RJ45 10/100/1000Mbps Auto-negotiate		
Serial Interface		(1) RS-232 Interface; (1) RS-485 interface (for PTZ control or KTD-405 keyboard control)		
Network Protocols		IP, TCP, UDP, DNS, ARP, SNMP, SMTP, NTP, DDNS, Telnet, HTTP, RTSP, UPnP		
USB Interface		(2) USB 2.0; (1) USB 3.0		
Alarm In/Alarm Out		16/4		
DVD Burner		Not available		
Power Supply		100~240 VAC		
Consumption (without hard drives)		45W	65W	
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 x 15.67 x 2.91 in. (442 x 398 x 74mm)			
Weight	≤ 17.6 lbs. (8kg) (without hard disk)			
Web Browser Support	Windows® Internet Explorer® version 9 and above (may require compatibility mode); Apple® Safari® browser for Mac® OS X platform (must have plug-in installed)			
Certifications	UL, CE			



Dimensional Diagram

TVR-4508HD, TVR-4516HD



Ordering Information

TVR-4508HD-2T	TruVision® DVR 45HD, 8 Channel, Dual NIC, 5MPx Analog, 4MPx IP, 2TB Storage
TVR-4508HD-4T	TruVision® DVR 45HD, 8 Channel, Dual NIC, 5MPx Analog, 4MPx IP, 4TB Storage
TVR-4508HD-8T	TruVision® DVR 45HD, 8 Channel, Dual NIC, 5MPx Analog, 4MPx IP, 8TB Storage
TVR-4516HD-2T	TruVision® DVR 45HD, 16 Channel, Dual NIC, 5MPx Analog, 4MPx IP, 2TB Storage
TVR-4516HD-4T	TruVision® DVR 45HD, 16 Channel, Dual NIC, 5MPx Analog, 4MPx IP, 4TB Storage
TVR-4516HD-8T	TruVision® DVR 45HD, 16 Channel, Dual NIC, 5MPx Analog, 4MPx IP, 8TB Storage
TVR-4516HD-12T	TruVision® DVR 45HD, 16 Channel, Dual NIC, 5MPx Analog, 4MPx IP, 12TB Storage
TVR-4516HD-16T	TruVision® DVR 45HD, 16 Channel, Dual NIC, 5MPx Analog, 4MPx IP, 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.