

DVR 41

H.264 Digital Video Recorder



OVERVIEW

The TruVision™ DVR 41 (TVR 41) is a cost-effective, full-size digital video recorder with 8- or 16-channel capabilities. It utilizes H.264 video compression technology to deliver real-time recording per channel at an outstanding 4CIF resolution.

A built-in Web browser and access through mobile apps allow you to stay connected remotely via any Web-enabled device. Login via smart phone or tablet to configure, view, search, playback, archive and monitor facilities, people or valuables. Compatible with TruVision Navigator, the DVR 41 integrates easily with existing systems and features a familiar, user-friendly interface. Start-up Wizards make installation and DDNS setup quick and simple.

With an internal redundant storage feature, up to 12 TB of mirror data is stored on 6 HDDs so video recordings are never lost, even in event of HDD failure. Video can also be archived via CD, DVD, USB memory sticks and eSATA devices. For user-friendly, remote management and reliable, real-time recording, the DVR 41 represents a comprehensive solution to fit your needs and budget.

STANDARD FEATURES

- H.264 compression technology and built-in CD/DVD burner
- 8- or 16-channel real-time recording at 4CIF resolution
- Mobile apps allow you to connected remotely via smart phone or tablet to keep an eye on facilities, people or valuables
- Redundant storage protects data in event of HDD failure
- Remote management allows you to login remotely to configure, view, search, playback, archive and monitor health
- Wizards for quick and easy installation, search and playback
- PTZ and dome camera control via mouse, front panel joystick and IR remote controller
- E-mail notification upon alarm with attached images
- Multiple monitor support
- Fully compatible with TruVision Navigator software
- Integrates easily with existing system
- Familiar, user-friendly interface
- Camera to HDD assignment for HDD data grouping
- Features up to 12 TB internal storage
- Time lapse, event and alarm recording settings
- One-channel reverse video playback for easy search of recorded video
- HDMI output for high-quality local viewing

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North America
T 855-286-8889

Asia
T 852-2907-8108

Australia
T 61-3-9239-1200

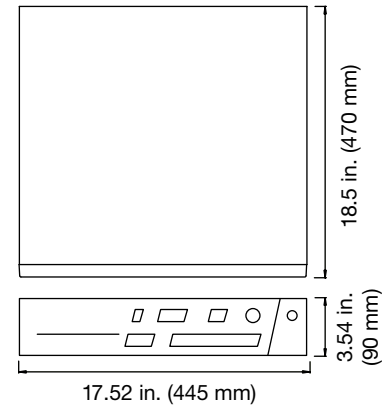
Europe
T 32-2-725-11-20

Latin America
T 561-998-6114

Specifications

Model	TVR4108	TVR4116	
Video/Audio Input	Video Compression	H.264	
	Analog Video Input	8-channel, BNC, (1.0 Vp-p, 75 Ω), PAL/NTSC self-adaptive	16-channel, BNC, (1.0 Vp-p, 75 Ω), PAL/NTSC self-adaptive
	Audio Compression	Ogg Vorbis	
	Audio Input	8-channel, BNC, (2.0 Vp-p, 1 Ω)	16-channel, BNC, (2.0 Vp-p, 1 Ω)
	Two-Way Audio	1-ch, BNC (2.0 Vp-p, 1Ωk)	
Video/Audio Output	HDMI Output	1-channel, resolution: 1920x1080P/60Hz, 1920x1080P/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	VGA Output	1-channel, resolution: 1920x1080P/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	CVBS Output	1-channel, BNC, (1.0 Vp-p, 75 Ω), resolution: PAL: 704x576, NTSC: 704x480	
	Video Spot Output	1-channel, BNC, (1.0 Vp-p, 75 Ω), resolution: PAL: 704x576, NTSC: 704x480	
	Video Loop Out	8-channel	16-channel
	Encoding Resolution	4CIF/2CIF/CIF/QCIF	
	Frame Rate	25 fps (PAL)/30 fps (NTSC)	
	Video Bit Rate	32Kbps ~ 4096 Kbps, or user-defined (Max. 4096 Kbps)	
	Audio Output	2-channel, BNC (Linear, 600 Ω)	
	Audio Bit Rate	16 Kbps	
	Dual-Stream	Sub-stream at CIF/QCIF: 25 fps (PAL)/30 fps (NTSC)	
	Stream Type	Video, Video & Audio	
	Playback Resolution	4CIF/2CIF/CIF/QCIF	
Hard Disk	SATA	8 SATA interfaces	
	eSATA	1 eSATA interface	
	Capacity	Up to 2TB capacity for each disk	
External Interface	Network Interface	1 RJ45 10M/100M/1000M Ethernet Interface	
	Serial Interface	1 RS-232 Interface (for Probridge, Challenger, Technical Support); 1 RS-485 interface (for PTZ control); 1 RS-485 keyboard interface (for KTD405 keyboard control)	
	USB Interface	2, USB 2.0	
	Alarm In	16	
	Alarm Out	4	
General	Power Supply	100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz	
	Consumption (without hard disk or DVD-R/W)	≤ 40 W	≤ 45 W
	Working Temperature	14° to 131°F (-10° to 55°C)	
	Working Humidity	10% ~ 90%	
	Chassis	19-inch, rack-mounted 2U chassis	
	Dimensions (W x D x H)	17.52 x 18.5 x 3.54 in. (445 x 470 x 90mm)	
	Weight	≤ 8 kg (without hard disk or DVD-R/W)	

Dimensional Diagram



Ordering Information

TVR-4108-2T	TruVision DVR 41, H.264, 8 ch, DVD/CD, 2 TB Storage
TVR-4108-4T	TruVision DVR 41, H.264, 8 ch, DVD/CD, 4 TB Storage
TVR-4116-2T	TruVision DVR 41, H.264, 16 ch, DVD/CD, 2 TB Storage
TVR-4116-4T	TruVision DVR 41, H.264, 16 ch, DVD/CD, 4 TB Storage
TVR-4116-8T	TruVision DVR 41, H.264, 16 ch, DVD/CD, 8 TB Storage
TVR-4116-12T	TruVision DVR 41, H.264, 16 ch, DVD/CD, 12 TB Storage

TruVision™ DVR 41 storage tables

16-Channel Models

Storage	30 Days			60 Days			90 Days		
	CIF	2CIF	4CIF	CIF	2CIF	4CIF	CIF	2CIF	4CIF
2TB HDD	15 fps	8 fps	4 fps	6 fps	4 fps	2 fps	4 fps	2 fps	1 fps
4TB HDD	30 fps	18 fps	10 fps	12 fps	8 fps	4 fps	10 fps	6 fps	2 fps
8TB HDD	30 fps	30 fps	30 fps	30 fps	18 fps	10 fps	20 fps	12 fps	6 fps
12TB HDD	30 fps	30 fps	30 fps	30 fps	22 fps	15 fps	30 fps	18 fps	10 fps

8-Channel Models

Storage	30 Days			60 Days			90 Days		
	CIF	2CIF	D1	CIF	2CIF	D1	CIF	2CIF	D1
2TB HDD	30 fps	18 fps	10 fps	15 fps	8 fps	4 fps	10 fps	6 fps	2 fps
4TB HDD	30 fps	30 fps	22 fps	30 fps	18 fps	10 fps	20 fps	12 fps	6 fps

Storage table assumes continuous recording for all cameras at highest quality setting in NTSC video format (with audio recording off). Actual storage and frames per second (fps) may vary by application, camera type, and environmental conditions.



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