

# DVR 60

Scalable H.264 24-channel  
Hybrid Digital Recorder



## Overview

TruVision™ DVR brings state of the art ultra-high definition footage to the video Surveillance market. DVR 60 sets a new performance standard, ease-of-use and bridges the gap between DVRs and NVRs. A full featured and scalable hybrid digital recording system with the ability to store, display live, search, and transmit video from up to 24 cameras of analogue and IP video sources.

TruVision™ DVR 60 is designed to record 16 analogue and up to 8 IP cameras, or up to 16 IP and 8 analogue cameras. This performance allows users to grow the surveillance system seamlessly with the evolving security requirements, and helps to protect security investments.

TruVision™ DVR 60 allows controlling PTZ cameras either via the IR remote control, the new multifunctional frontpanel joystick or by using the mouse.

The TruVision™ DVR 60 dual streaming functionality allows the user to set up different settings for recording and streaming video in live mode. To enable remote viewing of video over low bandwidth connections.

TruVision™ DVR 60 fully integrates with the license-free GE Nav software that's ideal for the most commercial applications . TVR 60's easy and intuitive-to-use web browser interface enables remote configuration and secure viewing, searching, and playing back of video from computers connected via the Internet.

TruVision™ DVR 60 enhances the versatility for mixed IP and analogue applications. TVR 60 supports Megapixel and Standard Definition IP cameras, the Ultraview 10 Encoder, UltraView SVC IP Cams, and a set of 3rd. party IP cameras

## Standard Features

- Scalable state-of-the-art hybrid H.264 digital recorder
- Real-time recording. 400 global fps at 4CIF
- Video authentication ensures video authenticity
- Supported IP devices: TruVision H.264 Standard definition; TruVision H.264 and megapixel IP camera; UltraView H.264-SVC and 3rd party IP camera
- PTZ and Dome camera control via mouse, front panel joystick and IR remote controller
- Dual streaming functionality allows to use different settings for recording and streaming video
- Email Notification upon alarm with images attached
- Triple monitor support - Monitor A, Monitor B and Spot Monitor
- Ability to fully integrate with the license-free GE Nav software
- Networkable via Ethernet (TCP/IP) for remote monitoring, searching, playback, archiving, configuration, alarm notifications and firmware upgrades
- Features up to 12 Tbytes internal storage JBOD or redundant recording configurable Camera to HDD assignment


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## Specifications

Video	
Video Signal Input	AGC, 0.7 to 1.4 V p-p video accepted
Resolution	1024 x 768 pixels
Video compression standard	H.264
Monitor A VGA	Full & Multi-Screen output
Monitor B composite	Full & Multi-Screen output, BNC connector, NTSC/EIA or PAL/CCIR compatible
Monitor C composite	Spot Monitor for Alarms, BNC connector, NTSC/EIA or PAL/CCIR compatible
Multi-Screen display	Full, quad, 9, 12 and 16 up
Conformity	 N4131
IP Device Support	
TruVision H.264	Standard definition 540TVL, 1.3 and 2.0 megapixel
UltraView	Standard definition 540 TVL
Panasonic	NW484S, NF284, NP-244
Encoder	Ultraview UVE 10
Recording	
Hard drive	6-HDD SATA supporting SMART
Resolution	4CIF (704x576), 2CIF (704x288), CIF (352x288) and QCIF (176x144) (Available frame rates, eg: 1fps, 6.5fps, 12.5 etc)
Frame Rates	400fps 4CIF
Bandwidth	Up to 6 Mbit/sec. per channel. scalable
Mode	Manual, Schedule, Motion and Alarm
Audio	
Compression standard	OggVorbis, 16 Kbps
Input	16 channels, RCA
Output	2 RCA
Bi-directional - Line In	RCA
Zones per camera	396 zones per camera (22 x 18 grid) Operation
Operation	
OS	VxWorks real-time OS
Users	Admin, Manager, Operator & 13 additional

Network	
Type	10/100/1000 Base-T, RJ-45
Protocols	TCP, IP, ARP, RARP, PPP, PPPoE, DHCP,SNMP
Others	ADSL modem and PSTN line for alarm video transmission
e-SATA	1
Archive	
Audio and Video	Via built-in CD/DVD burner, USB2.0 or e-SATA
Connectors	RS-232 serial port: RJ-45
RS-485 PTZ control port	Screw terminal strip
USB	2, one at the front one at the back
Keypad	Screw terminal strip
Alarm Handling	
Alarm Monitor	Mon A or B or C (configurable)
Alarm input	16 programmable NO/NC
Alarm output	Form C alarm relay (4)
Miscellaneous	
Input voltage	to 135 VAC / 180 to 256 VAC, 47 to 63 Hz
Temperature	-10 to +50°C
Relative humidity	10 to 90%
Dimensions (W x H x D)	435 x 95 x 455 mm, 19-inch (2U)
Weight	Max. 11kg
Mounting	Rack mount kit optional
Remote Software Requirements	
Intel-based PC	1 GHz or faster
Memory	1 GB RAM minimum
Operating System	Windows® XP, Vista or Windows 7
DirectX	9.0 or later
Browser	Microsoft® Internet Explorer 6.0 or later
Supported Devices	
PDA/Mobile Phone	WinMobile 5 or higher
Touch Screen support	
Free memory at least 20MB	
CPU 200MHz and better	

## Ordering Information

TruVision™ Line DVR 60	
TVR-6016-2TEA	– 2TB hard drive
TVR-6016-4TEA	– 4TB hard drive
TVR-6016-8TEA	– 8TB hard drive
TVR-6016-12TEA	– 12TB hard drive
Accessories	
TVR-RK-1	TruVision Line DVR 60 Rack-mount Kit

	Analogue	IP-SD 4CIF	IP-HD 720p	IP-HD 2Mpx	System Performance
TruVision DVR 60	16	8			24
	16	4	2		22
	16	4		1	21
	16		4		20
	16		2	1	19
	16			2	18
	8	16			24
	8	8	4		20
	8	8		2	18
	8		8		16
	8		4	2	14
	8			4	12

Specifications subject to change without notice.

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