

Video Surveillance TruVision™ Digital Recorder

Overview

TruVision™ DVR 60 (TVR 60) brings state of the art ultra-high definition footage to the video Surveillance market. TVR 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

TruVision™ Line

TVR60

Scalable H.264 24-channel Hybrid Digital Recorder



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



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

Australia & New Zealand

T 61-3-9239-1200
F 61-3-9239-1299

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Specifications subject to change without notice.

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Approximate Storage 16 Cameras 25 FPS			
Days	CIF	2CIF	4CIF
7	1,384 GB	2,423 GB	2,769 GB
14	2,769 GB	18,457 GB	5,537 GB
30	5,933 GB	10,382 GB	11,865 GB

Approximate Storage 24 Cameras 16 FPS			
Days	CIF	2CIF	4CIF
7	1,038 GB	1,730 GB	2,423 GB
14	2,076 GB	3,461 GB	4,845 GB
30	4,449 GB	7,416 GB	10,382 GB

Ordering Information

Recorders	
TVR-6016-1TEA	TruVision™ Line DVR 60, Scalable H.264 24-channel hybrid digital recorder, real-time 4CIF - 1TB hard drive
TVR-6016-2TEA	TruVision™ Line DVR 60, Scalable H.264 24-channel hybrid digital recorder, real-time 4CIF - 2TB hard drive
TVR-6016-4TEA	TruVision™ Line DVR 60, Scalable H.264 24-channel hybrid digital recorder, real-time 4CIF - 4TB hard drive
TVR-6016-8TEA	TruVision™ Line DVR 60, Scalable H.264 24-channel hybrid digital recorder, real-time 4CIF - 8TB hard drive
TVR-6016-12TEA	TruVision™ Line DVR 60, Scalable H.264 24-channel hybrid digital recorder, real-time 4CIF - 12TB hard drive

Accessories	
TVR-RK-1	TruVision Line DVR 60 Rack-mount Kit

IP Cameras	
UVD-IPEVRDNRVA2P	1/3" color 540TVL Super HAD 2.8~10.5mm. D/N AI UTP Rugged Dome IP camera, DC 12V/AC24V/PoE 12W, PAL
UVD-IPEVRDNRVA9P	1/3" color 540TVL Super HAD 9~22mm; D/N AI UTP Rugged Dome IP camera, DC 12V/AC24V/PoE 12W, PAL
UVD-IPXP3DNRVA2P	1/3" color 540TVL WD CMOS 2.8~10.5mm; D/N AI UTP Rugged Dome IP camera, DC 12V/AC24V/PoE 11W, PAL
UVD-IPXP3DNRVA9P	1/3" color 540TVL WD CMOS 9~22mm; D/N AI UTP Rugged Dome IP camera, DC 12V/AC24V/PoE 11W, PAL
UVC-IPXP3DN-HR-P	1/3" color 540TVL WD CMOS D/N IP Full Body camera,DC 12V/AC24V/PoE,6.8W, PAL
UVC-IPEVRDN-HR-P	1/3" color 540TVL Super HAD D/N IP Full Body camera,DC 12V/AC24V/PoE8.9W, PAL