



Product Data Sheet

TVR60

TruVision™ Line DVR 60, Scalable Hybrid 24-channel H.264 Digital Recorder

State of the Art Hybrid DVR

TruVision™ DVR 60 (TVR 60) brings state-of-the-art ultra-high definition pictures to the mass video surveillance market. TVR 60 sets a new standard for performance, ease-of-use and bridges the gap between DVRs and NVRs. It is 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 analog or IP video sources.

Unparalleled Performance

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

PTZ control

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

TVR 60 also supports the new TVK-505 DVR remote control keypad

Dual Streaming

The TruVision™ DVR 60 dual streaming functionality allows the user to set up different settings for recording and streaming video in live mode.

Remote Operation

TruVision™ DVR 60 has the ability to fully integrate 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.



Standard Features

- Scalable state-of-the-art hybrid H.264 digital recorder
- Real-time recording of 24 channels at 4CIF resolution
- Video authentication ensures video authenticity
- Supported IP devices: TruVision H.264 Mpx IP cameras, UltraView Encoder 10, UltraView IP and Panasonic IP cameras
- 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 w. attached images
- Tripple monitor support - Monitor A, Monitor B and Spot Monitor
- Ability to fully integrate with the license-free GE Nav, TVRmobile and iTVRmobile 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 for HDD data grouping
- HDD designed for 24x7 operation and high write duty cycles
- Ability to fully interoperate with the TVK-505 keypad
- User-friendly interface supporting the eZ-Setup-Wizard function
- Compliant to the German BGV Kassen decree
- Compliant to the French decree from August 3rd. 2007

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Specifications

Video

- Conditioning: AGC, 0.7 to 1.4 V p-p video accepted
- Horizontal resolution: 704 pixels
- Vertical resolution: 576 lines
- 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, 6, 8, 9 and 16 up

IP Device Support

- SD IP Cameras: UltraView UVC and UVD Series
- CamPlus IP (GEC-IPDRH) Series
- Panasonic (NW484S, NF284, NP-244)
- MPX IP Cameras: TruVision H.264 TVC and TVD Series
- Encoder: UltraView Encoder 10

Recording

- Hard drive: 6-HDD SATA supporting SMART
- Real-time Recording Resolution: 720p, 4CIF, 2CIF, CIF and QCIF
- Bandwidth: Up to 6 Mbit/sec. per ch. scalable
- Mode: Manual, Schedule, Motion and Alarm

Audio

- Compression standard: OggVorbis, 16 Kbps
- Input: 16 channels, RCA
- Output: 2 RCA
- Bi-directional - Line In: 1 RCA

Video Motion, Privacy Masking and Tampering detection

- Zones per camera: 396 zones per camera (22 x 18 grid)

Operation

- OS: VxWorks real-time OS
- Languages: English, 16 European languages with new released FW
- Users: Admin, Manager, Operator & 13 additional

Network

- Type: 10/100/1000 Base-T, RJ-45
- Protocol: 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: 9-pin SubD
- 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: 90 to 135 VAC / 180 to 256 VAC, 47 to 63 Hz
- Power consumption: max 126 W
- 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. 11 kg
- Mounting: Rack mount kit optional

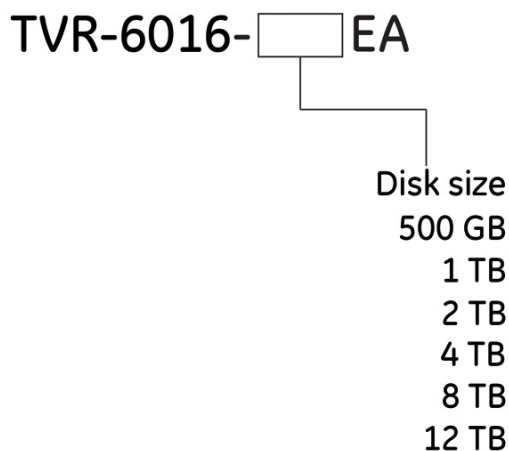
Remote Software Requirements

- 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
- Apple Devices running OS 3 or higher

Diagram



Ordering Information

TVR60

TruVision™ Line DVR 60, Scalable hybrid 24-channel H.264 digital recorder, real-time 4CIF, remote software, bi-directional audio

