Product Data Sheet

TruVision NVR 40
12/24 IP channels network video recorder

Overview

The TruVision™ NVR 40 is an affordable enterprise network video recorder designed for supporting IP cameras storage and playback perfectly designed for small to mid size projects. The TVN 40 is capable of recording simultaneously up to 24 IP video streams with up to 4TB of internal storage capacity. For maximum flexibility it supports both standard and Megapixel IP cameras.

Extended IP Performance

The TVN 40 records simultaneously up to 24 IP video channels with the full selection of frame rates, resolutions and bandwidth settings available within the cameras. The TVN 40 supports the latest video compression H.264-SVC for maximum video quality and optimized storage space. With cameras encoded by the Ultraview Discovery 105E, the TVN 40 can record simultaneously 48 IP video streams; 24 IP streams at 25fps/4CIF and additional 24 IP streams at 12.5fps/4CIF. Many camera specific features are supported including activity detection and dual streaming (based upon the camera model).

Ease of Use

The TVN 40 is easy to configure via a simple three-step process; First, connect to TVN 40 web browser (192.168.1.2), Second enter Admin credentials and Third set up basic network settings (IP address, hostname, network mask). Once TVN 40 is added into the system, all viewing and playback functions are managed via the Client.
Finally, with all its connectors on the front panel and with a 2 rack unit format the TVN 40 is easily interconnected within any IT rack.

Standard Features

- 12 or 24 IP camera streams based upon model
- GE Legend IP Camera, GE CamPlus IP, and GE UltraView IP camera support
- Various models of Axis and Panasonic. Also ACTi cameras for the Ultraview platform
- Single or dual streaming for recording and for playback based upon IP camera capabilities
- Megapixel camera support (some models)
- 2 or 4TBs of internal storage (depending on model)
- Event recording based upon native IP camera activity detection or via unit alarm input
- Video is stored in the native IP camera format (support of MPEG 4 and H.264-SVC)
- Continuous or Scheduled Recording Modes
- Compact Rack Mountable – 2U
- 4 on-board alarm inputs addressable on all software platforms, 2 alarm outputs and RS422/485 addressable only on UltraView Platform
- Dual Giga Ethernet Connectivity (Ultraview platform)
- Front accessible network and power connectivity
- Supports UltraView Discovery 105E Single Channel H.264-SVC Encoder (full-SVC capability in UltraView environment, dual-streaming device with GE NAV)

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Specifications

Video
- H.264-SVC, MPEG2, MPEG4 (IP camera native format)
- Dual streaming IP cameras
- GE CamPlus IP, GE UltraView IP, GE Legend IP, GE IP H.264-SVC, Axis, Panasonic and ACTi (limited camera support with GE Nav v3.0)

Recording
- Real time recording simultaneously for of all video channels (25ips and 4CIF)
- Dual streaming for recording and for playback
- 2 x 1TB or 4x1TB onboard storage via SATA HDD (support of S.M.A.R.T)

Network
- Dual Gigabit Ethernet (only for Ultraview platform)
- IP multicast, unitcast and Multi unicast support, CoS (802.1 p/Q) support and SNMP, DHCP, UDP, TCP/IP, ICMP, NTP, HTTP, RTP/RTSP support

Software integration
- GE Nav v3.0 and above
- VisioWave Security Center 4.2.1 and above, VisioWave SDK 4.2.1 and above
- FC Winx 7.5 SP1, Facility Commander 2.3

Connectors
- 1 RS485/422 Input (only usable on UltraView Platform)
- 4 USB (used only if local keyboard, monitor, mouse used for network setup instead of browser page setup)
- 4 Inputs and 2 Outputs (only Ultraview platform)

Miscellaneous
- Dimensions: 89(H) x 483 (W) x 495 (D)
- Weight: 18kg with 4 HDDs
- Power supply: 300W module (135W consumption)
- Cooling device: 4 fans (Replaceable)
- Operating temperature: 0°C to 40°C with max 90% Relative humidity
- Unit storage: -20°C to 70°C

Regulatory
- Conformity FCC Class A Part 15 (Declaration of Conformity); CE (Declaration of Conformity); European Community EN55022 Class A, EN55024, EN60950, CFR47 Part 15, RoHS, UL 60950-2

Ordering Information

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