

Overview

The TruVision™ NVR 40 (TVN 40) is a Network Video Recorder designed exclusively for supporting video streams from IP cameras for live viewing and storage. The recorder seamlessly integrates into GE Nav video management software, giving the ability to blend both IP and analog solutions with TruVision DVRs, SymDec™ and DVMRe™ devices.

The TVN 40 leverages some of the proven hardware and software capabilities of GE Security's UltraView™ Enterprise Video Platform (EVP) devices to deliver reliable performance at an affordable price.

Delivering support for up to 12 or 24 IP video streams, the TVN 40 features 2TB–4TBs of onboard storage in a JBOD configuration. Supported IP cameras include GE Security's IP fixed and PTZ cameras as well as other leading manufacturer models. Enhanced versatility is available for mixed IP and analog applications through the UltraView EVP Encoder 10, a single-channel, H.264-SVC analog encoder. As additional IP cameras are added in GE Nav, they will be supported by the NVR through firmware updates without additional hardware changes.

Events can be triggered from any of the four onboard alarm inputs, as well as from IP-camera-based activity detection. Dual-streaming IP cameras allow the user to define specific IP streams that can be used for live viewing as well as for continuous or event recording to provide optimised performance.

TruVision™ Line

NVR 40

12 or 24 IP Channel Network Video Recorder



Standard Features

IP Camera Support

- 12 or 24 cameras models
- GE Legend™ IP PTZ camera and GE UltraView IP camera support
- Third-party IP and megapixel camera support
- Single- or dual-streaming recording based upon IP camera capabilities
- Supports UltraView EVP Encoder 10 single-channel H.264 encoder

Recording Capabilities

- 2 or 4TBs of JBOD storage (depending on model)
- Continuous or scheduled recording modes
- Event recording based upon native IP camera activity detection or via unit alarm input
- Video stored in the native IP camera format (no transcoding)

Hardware

- Compact rack mountable – 2 RU
- Front-accessible network and power connectivity consistent with IT standards
- 4 onboard alarm inputs

Simple to configure and install

- Configure NVR network settings
- Configure IP camera network settings and activity detection
- Configure IP camera frame rate, resolution and recording settings in NVR via GE Nav



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Specifications subject to change without notice.

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Software Integration Matrix

	TVN 40	TVN 40	
GE Nav v3.x	✓	GE IP cameras/devices	✓
FC Classic v2.3	✓	Third-party IP cameras	✓
Facility Commander Wnx v7.5 FP1	✓		
UltraView TM EVP SDK v4.2.1	✓	* For a full list of supported cameras, please see the TruVision NVR IP device support document at www.gesecurity.com.au	
UltraView TM EVP VSC v4.2.1	✓		

Specifications

Physical	
Dimensions	18.98 W x 3.5 H x 19.5 D in. (482 W x 89 H x 495 D mm) 2U-19" rack mount
Weight	18 kg (48.2 lbs.) with 4 HDDs @ 1TB each
Power supply	300W power supply module
Power consumption	135 Watts
Cooling device	4 fans providing forced cooling air in the system
Operating temperature	0°C to 40°C, max. 90% relative humidity
Unit storage	-20°C to 70°C
Warranty	3 years

FCC Class B Part 15 (Declaration of Conformity); CE (Declaration of Conformity); European Community EN55022 Class B, EN55024, EN60950, CFR47 Part 15, RoHS, C-Tick

Conformity



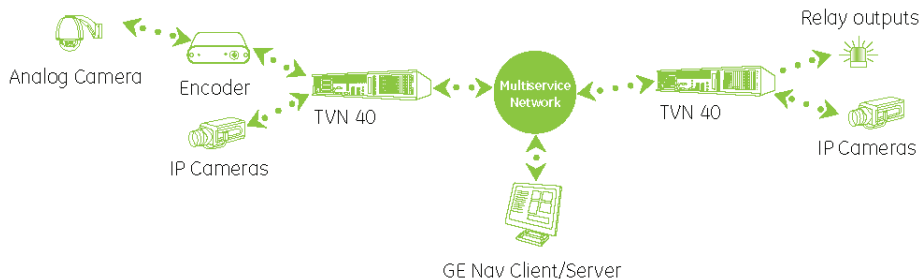
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Interface Modules	
	4 Alarm inputs
	2 Digital outputs + 1 RS485/422 port (UltraView EVP only)
Networking	
	Embedded 10/100/1000 gigabit Ethernet LAN
	IP unicast and multi-unicast support (IP MultiCast In UltraView EVP environment)
System Monitoring	
	Remote alarm notification through SNMP/ HTTP, e-mail or pager
Alarm module	Audible and visual notification for local system status
CPU monitoring	Fan, temperature, watchdog timer, voltage, etc.
Video operating system	GE VOS 4.2.1 and above
Device operating system	Windows WEPOS

Ordering Information

TVN-4002-12-2T-A	TruVision NVR40, 12IP Video Channels, 2TB JBOD Storage, 2U with IEC Power Cord
TVN-4004-24-4T-A	TruVision NVR40, 24IP Video Channels, 4TB JBOD Storage, 2U with IEC Power Cord

TruVision NVR 40 and GE Nav Configuration



Dimensional Diagram

