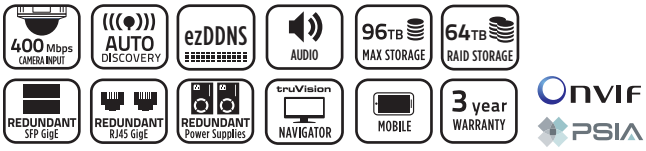
NVR 70

400 Mbps / 128 Channel Network Video Recorder



OVERVIEW

The Interlogix® TruVision NVR 70 (TVN 70) is a high performance Network Video Recorder that supports up to 400Mbps of incoming camera bandwidth, or up to 128 IP camera channels. Designed to accommodate large amounts of data, the NVR 70 is equipped with up to 64TB of embedded storage in a RAID configuration, or up to 96TB in a non-RAID configuration.

The NVR 70 delivers reliable performance and innovative features such as RAID, advanced camera settings, failover recording, hard drive grouping, network segregation and a large number of other network redundancy features. Utilizing TruVision Navigator Video Management Software, the NVR 70 can also be managed with a license-free standalone or client/host application. In addition, the browser interface offers full functionality for viewing, playback and configuration.

With the same user interface and mobile applications as other TruVision recorders, the NVR 70 can easily be setup and video easily viewed. The use of the TruVision Navigator software minimizes the training required for technicians, operators and other system users.

STANDARD FEATURES

Camera Support

- Up to 128 IP channels
- Up to 400Mbps camera recording bandwidth
- IP camera configuration import/export
- Native TruVision IP camera support
- 3rd-party IP camera support via Onvif, PSIA and RTSP Stream

Recording Capabilities

- Linux embedded operating system configuration
- Real-time Full HD recording
- Custom protocol configuration (RTSP streaming)
- Motion detection, VCA, privacy masking and tamper detection
- Motion search supported on select TruVision IP camera models

Storage

- Up to 96 TB embedded storage (16 x 6TB) non-RAID
- Up to 64 TB embedded storage (16 x 4TB) RAID
- RAID 0/1/5/10 support
- Flip-down front panel for easy HDD access, servicing and expansion

High Fault-tolerant Design

- Network redundancy (NIC, port, network)
- Dual built-in PSUs with redundancy support
- Removable dual-fan module
- Recorder failover functionality
  (one failover unit per 4 operational recorders)

Software & Integration Capabilities

- Full browser-based access for live, recording and configuration
- TruVision Navigator license-free software
- TVRmobile app for iOS, Android and Windows Mobile

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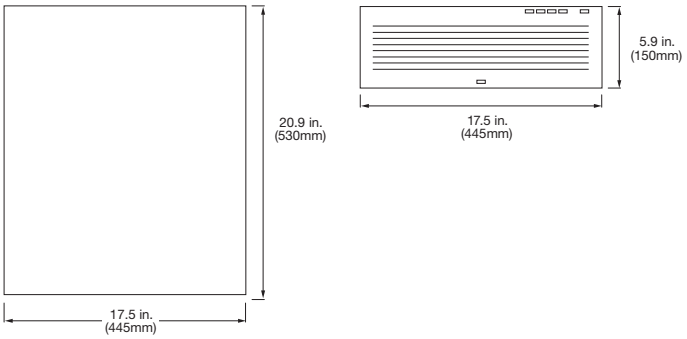
Specifications

Video/Audio Input	Maximum Bandwidth Input	400Mbps
	Maximum IP Camera Input	128 channels
	Maximum Bandwidth per Channel	8Mbps
	Video Standards Supported	H.264, RTSP custom protocols, Onvif
	Audio Input (IP)	Support for cameras with audio out - up to 128 channels
External Interfaces	Audio Input (analog, non recording)	1-ch, RCA (2.0 Vp-p, 1kΩ)
	Audio Output	1-ch, RCA (Linear, 600Ω)
	Serial Interface	1 RS-232 interface (configuration, maintenance, POS/ATM link)
	USB Interface	1 x USB 2.0 (front), 2 x USB 3.0 (back)
	Alarm Interface	16 inputs and 8 relay outputs
Recording	Recording Resolution	6MPx / 5MPx / 3MPx / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
	SATA	16 SATA interfaces
	Maximum Onboard Storage Capacity	96 TB (non-RAID) / 64 TB (RAID)
	Recording Modes	Time lapse high, Time lapse low, event, alarm, manual
	Dual Stream Recording	Up to 16 channels
	Auto-archiving	Yes
	RAID	0/1/5/10
	Hard Drive Grouping	Yes
	External Recording	eSATA, NAS, SAN
Networking	Network Interface	2 x 10/100/1000 Mbps auto-negotiate Ethernet
	Network Ports	1 x RJ-45 & 1 x SFP (per network interface)
	NIC and Port Redundancy	Yes
	Multi-address Mode	Yes, up to 2 LANs
	ezDDNS/DDNS/no-IP.com	Yes
	Total Connections to Recorder (non-viewing)	256
	Total Viewing Streams Available Live	256
	Total Viewing Streams Available Playback	TCP: 256 / UDP: 16
	Total Viewing Streams Available per Camera Channel	128
	Total Viewing Bandwidth Available	300~500Mbps
Web Browser	Playback Resolution	Up to 6 MPx (depending on monitor resolution)
	Simultaneous/Reverse Playback Browser	16 channels/8 channels, depending on PC performance
Electrical and Mechanical	Redundant Power Supply	2 x 100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz
	Power Consumption (without hard disk)	70W
	Power Consumption (with 16 x 2TB RAID hard disk)	150W
	Operating Temperature	14ºF ~ 131ºF (-10ºC ~ +55ºC)
	Operating Humidity	10% ~ 90%
	Removable/Serviceable Fan	Yes
	Chassis	3U rack mountable
	Dimensions (W x D x H)	17.5 x 20.9 x 5.9 in. (445 x 530 x 150mm)
	Weight (without hard disk)	39.7 lbs. (18 kg)
Operations	Remote	IP keypad / Browser interface / TruVision Navigator / TVRmobile / SDK
	Browser Requirements	Windows: IE 8 / 9 / 10 / 11, Firefox; Mac: Safari

Dimensional Diagram



Ordering Information

TVN-7001-16T	TruVision NVR 70, 128 Channels, 3U, 16TB
TVN-7001-32T	TruVision NVR 70, 128 Channels, 3U, 32TB
TVN-7001-48T	TruVision NVR 70, 128 Channels, 3U, 48TB
TVN-7001-64T	TruVision NVR 70, 128 Channels, 3U, 64TB
TVN-7001-96T	TruVision NVR 70, 128 Channels, 3U, 96TB
TVN-7001R-16T	TruVision NVR 70, RAID, 128 Channels, 3U, 16TB
TVN-7001R-32T	TruVision NVR 70, RAID, 128 Channels, 3U, 32TB
TVN-7001R-48T	TruVision NVR 70, RAID, 128 Channels, 3U, 48TB
TVN-7001R-64T	TruVision NVR 70, RAID, 128 Channels, 3U, 64TB

Accessories

TVN-HDD-6TB	TruVision Recorder HDD Expansion Kit, 6TB
TVN-HDDR-4TB	TruVision Recorder HDD Expansion Kit, 4TB, RAID
TVN-7001-FAN	TruVision NVR 70, Spare Part, Fan
TVN-7001-PS	TruVision NVR 70, Spare Part, Power Supply

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