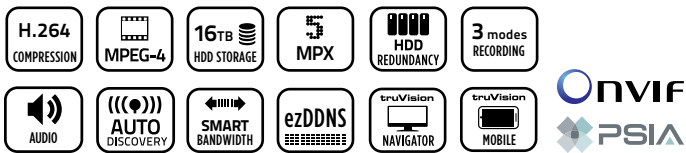


NVR 50

32 IP Channel Network Video Recorder



OVERVIEW

The TruVision® NVR 50 (TVN 50) is a high-performance network video recorder designed to support video streams from IP video cameras. With a total of 80 Mbps available, the TVN 50 can support up to 32 cameras at 4CIF in real-time (30fps) and many other configurations.* Flexible bandwidth allocation per channel allows users to maximize recording performance. In addition to browser, software and mobile device management tools, the NVR 50's familiar front panel controls allow for easy operation.

IP camera support includes resolutions ranging from standard VGA to 5.0 megapixel, including Interlogix and third-party IP camera manufacturers.** The NVR 50 also supports TruVision encoders for integrating existing analog cameras. Up to eight internal hard disk drives may be configured for a total internal hard drive capacity of 4TB-16TB, making the TVN 50 ideal for extended storage or megapixel camera applications.

Recording options include continuous, motion, and alarm or combined scheduled recording modes. Motion recording utilizes an IP camera's built-in motion detection events, and alarms can be triggered from any of the 16 on-board alarm inputs or from alarm inputs that reside on the IP camera.

Software connectivity allows remote access to the recorder's full capabilities via Web browser or TruVision Navigator. TruVision Mobile also allows for remote device access. Configuration is quick and easy through startup wizards, IP device auto-discovery tools and ezDDNS service.

*Reference table on page 2.
**Support from third-party IP cameras may vary.

STANDARD FEATURES

Camera Support

- Up to 32 IP cameras (OnVIF/PSIA)
- TruVision and UltraView IP cameras from VGA through 5.0 megapixel (indoor and outdoor)
- H.264 Axis, Arecont, ACTi and other IP camera manufacturers (VGA and Megapixel)
- TruVision 4-, 8- and 16-channel encoders
- PTZ and dome camera control via mouse, front panel joystick and IR remote control

Recording Capabilities

- Continuous, motion or scheduled recording modes
- Event recording based upon native IP camera activity detection or via unit alarm input
- Video is stored in the native IP camera format
- Audio recording with capable IP cameras
- Redundant camera recording or independent storage groups for different durations
- Reverse playback
- Digital zoom on live and recorded video
- Text insertion via ProBridge for ATM/POS
- Watermarking for legal video authentication

Hardware

- Compact rack mountable – 2 RU
- Up to 16TB of plug-and-play internal, front accessible hard disk storage (hot swappable)
- Support for external hard drive (eSATA)
- 16 on-board alarm inputs and 4 configurable alarm outputs
- Local USB archiving
- Composite, VGA and HDMI output for high-quality local viewing

NVR 50

32 IP Channel Network Video Recorder

North America
T 855-286-8889

Asia
T 852-2907-8108

Australia
T 61-3-9239-1200

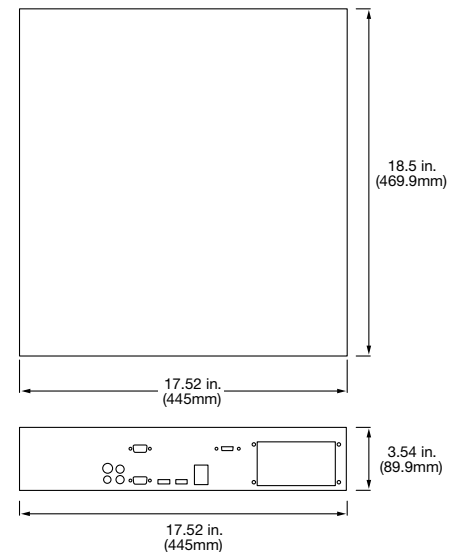
Europe
T 32-2-725-11-20

Latin America
T 561-998-6114

Specifications

Model	TVN5032	
Video/Audio Input	IP Video Input	32-ch
	Bi-directional Audio	1-ch, RCA (2.0 Vp-p, 1kΩ)
Video/Audio Output	Recording Resolution	5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
	CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω) Resolution: 704 × 576 (PAL); 704 × 480 (NTSC)
	HDMI Output	1-ch, resolution: 1920 × 1080P /60Hz, 1920×1080P /50Hz, 1600 × 1200/60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
	VGA Output	1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
	Audio Output	2-ch, RCA (Linear, 600Ω)
	Playback Resolution	5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF
	Synchronous Playback	16-ch
Hard Disk	SATA	8 SATA interfaces
	eSATA	1 eSATA interface
	Capacity	2TB capacity for each HDD
External Interface	Network Interface	2 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interfaces
	Serial Interface	1 RS-232 interface (for parameters configuration, maintenance, transparent channel); 1 RS-485 interface (reserved)
	USB Interface	3 × USB 2.0 (two front, one rear)
	Alarm Interface	16 Alarm In, 4 Alarm Out
General	Power Supply	100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz
	Consumption (without hard disk or DVD-R/W)	≤ 45 W
	Working Temperature	-10° C ~ +55° C (14° F ~ 131° F)
	Working Humidity	10% ~ 90%
	Chassis	19-inch rack-mounted 2U chassis (rack mount ears included)
	Dimensions (W x D x H)	17.52 × 18.5 × 3.54 in. (445 × 470 × 90 mm)
	Weight (without hard disk or DVD-R/W)	≤ 8 Kg (17.64 lb)
Operations	Local	On screen display & control through front panel/ USB mouse/ IR remote
	Remote	Built in browser interface: Windows Internet Explorer version 6, 7, 8, or 9; Mozilla Firefox version 3.5 and above; Google Chrome version 8.0 and above
	Software	TruVision® Navigator 5 and above
	Language Support	11 languages
IP Camera Support	Interlogix	TruVision Line and UltraView® Series IP Cameras. Consult IP compatibility list for latest updates
	3rd Party Cameras	Consult 3rd party IP compatibility list for latest updates

Dimensional Diagram



Ordering Information

TVN-5032-4T	TruVision® NVR 50, 32 channels, 4 TB storage
TVN-5032-8T	TruVision NVR 50, 32 channels, 8 TB storage
TVN-5032-12T	TruVision NVR 50, 32 channels, 12 TB storage
TVN-5032-16T	TruVision NVR 50, 32 channels, 16 TB storage
TVN-20XX-HDD-2T	TruVision NVR 20, HDD Expansion Kit, 2TB Storage

Typical camera capacity configurations

Recording Resolution	Recording Frame Rate	Maximum Number of Interlogix IP Cameras	Recommended Days of Storage		
			10 Days	20 Days	30 Days
4CIF	15 fps	32	4TB	8TB	8TB
4CIF	25/30 fps	32	8TB	16TB	
1.3 Mpx	10 fps	32	8TB	16TB	
1.3 Mpx	16 fps	26	8TB	16TB	
1.3 Mpx	25/30 fps	13	8TB	16TB	
2 Mpx	4 fps	32	8TB	16TB	
2 Mpx	10 fps	19	8TB	16TB	
2 Mpx	25/30 fps	9	8TB	16TB	
3 Mpx	4 fps	19	8TB	16TB	
3 Mpx	12 fps	11	12TB		
5 Mpx	4 fps	15	12TB		
5 Mpx	6 fps	11	12TB		

Note: This is an indication only; results depend on cameras used and environment.



interlogix.com

Specifications subject to change without notice.

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