

TVN-7101-16T

Gravador Vídeo de Rede, até 128 canais IP, Armazenamento 16TB- TruVision Série NVR 71

Overview

TruVision NVR 71 (TVN 71) is a high quality reliable embedded network video recorder. The device is able to manage up to 576 Mbps of incoming camera bandwidth, or up to 128 camera channels. The amount of incoming bandwidth will define how many cameras that can be connected.

To accommodate for these vast amounts of data, TVN 71 can be equipped with up to 96 TB of embedded storage in a non-RAID or a RAID configuration. Please note that different models of TVN 71 are available for non-RAID and RAID configurations. A non-RAID model can't be used in a RAID configuration!

Performance made accessible

TVN 71 offers higher end performance without the requirement of high end configuration. Functionality such as RAID (only with specific models!), advanced camera settings, fail-over recording, hard drive grouping, network segregation or network redundancy can be set up efficiently and easily, without the need of any advanced product training.

TVN 71 uses a similar familiar user interface as all other TruVision recorders, and can be operated by the same sets of software and apps as the whole TruVision portfolio, limiting training requirements drastically for technicians, operators and other users of the system.

H.265

The TVN 71 is supporting both H.264 and H.265 compression techniques. The H.265 compression is the next evolution of video encoding. Using H.265 will result in a reduced file size for the same video content and a reduced transmission bandwidth compared to H.264. This means that for the same storage capacity more video can be stored when using H.265 than H.264 encoding.

To use the H.265 encoding in the TVN 71, TruVision H.265 cameras need to be used.

Intrusion integration

TVN 71 has an alarm receiver module embedded inside. The alarm message receiver can connect to up to three Interlogix IP intrusion panels that report in SIA or XSIA format. Alarm messages, disarming and arming messages can be send from the alarm panel to the recorder, which then can take actions (trigger alarm recording, send a PTZ to a preset, run a shadow tour or preset tour, trigger an alarm output, send an email, send a notification message to TVRMobile or to TruVision Navigator (as of version 7.1)).

Also the heartbeat message between panel and recorder is monitored. This solution offers straightforward alarm verification and is free of charge.

Broad redundancy options

In large scale systems it is important to limit single point of failure. For this reason, TVN 71 offers a large number of redundancy features,



Detalhes

- Linux embedded Plug and Play configuration
- Up to 576 Mbps camera recording bandwidth or max. 128 cameras
- 16 TB non-RAID storage, expandable via hard drive kits (4 TB, 6 TB)
- Real-time Full HD recording
- Full browser-based access for live, recorded & configuration
- Motion detection, VCA, privacy masking, tamper detection
- Integration of Carrier IP intrusion panels via SIA/XSIA reporting
- TruVision IP camera auto-discovery
- Native TruVision IP camera support & broad third party camera support through ONVIF
- Customer protocol configuration (RTSP streaming)
- Flip-open front panel for easy HDD access, servicing & expansion
- Network redundancy (NIC, port, network)
- PSU redundancy
- Replaceable fan
- Recorder fail-over functionality (one fail-over unit per 4 operational recorders)
- TruVision Navigator license-free client/host or standalone application
- TVRMobile app for iOS and Android

including NIC redundancy, network port redundancy, PSU redundancy, Fail-over recording as well as Edge fail-over recording.

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Especificações técnicas

Geral	
Tecnologia	IP
Sistema operativo	Embedded Linux
Montável em rack	Sim
Dimensão empilhamento em rack	3 U
Ventoinha removível	Sim
Fonte de alimentação redundante	Sim

Entrada vídeo/áudio	
Canais de câmaras	128
Largura de banda máx. por canal	16 Mbps
Largura de banda de câmara	576 Mbps
Entradas máx. áudio IP	128
Entradas máx. áudio analógico	1
Standards de compressão de vídeo suportados	H.264, H.265
Standards de streaming de vídeo suportados	Onvif, RTSP Custom Protocols

Visualização remota	
Total disponível de largura de banda de visualização	512 Mbps
Máx. de streams ao vivo	256
Máx. de stream em reprodução	256
Máx. ligações ao gravador (sem-visualização)	256
Compatibilidade de software	Advisor Manager, OnGuard, TruVision Navigator, TVRmobile
Compatibilidade de navegador	Internet Explorer

Armazenamento	
Capacidade de armazenamento	16 TB
Interfaces SATA	16
Capacidade máx. por HDD SATA (TB)	6
Resolução máxima de gravação	8 MPX
Modos de gravação	Alarme, Evento, Manual, Time-lapse high, Time-lapse low
Gravação Dual Stream (canais)	128
Armazenamento externo NAS	
Redundância de discos rígidos	Sim
Agrupamento de discos rígidos	Sim
HDDs Hot Swap	Sim
Abertura flip-over da frente do painel	Sim
Arquivo automático	Sim
Gravador de reposição	Sim
Gravação Edge failover	Sim

Em rede	
Cartas de interface de rede (NIC)	8 (4x RJ45; 4x SFP)
Tipo de NIC	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Modo NIC	Balanceamento de carga, Modo Múltiplo Endereço, Redundância de Rede
Portos de rede por NIC	1
Suporte DNS	DDNS, ezDDNS, Não-IP
Suporte HTTPS	Sim

Interfaces externos	
Interface USB traseiro	2
Interface USB frontal	2
Interface série	RS-232
Entradas de alarme	16
Saídas de alarme	8
Saídas máx. áudio analógico	1

Elétrica	
Tensão de operação	100 - 240 VAC

Físico	
Dimensões físicas	442 x 494 x 146 mm (W x D x H)
Cor	Preto

Ambiental	
Temperatura de operação	-10 to +55°C
Humidade relativa	10% to 90%

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Regulamentação

Conformidade CE, cUL, FCC, RCM, REACH, RoHS, UL, WEEE



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