

# TVN-7101-16T

## TruVision NVR 71, 576 Mbps/128 kanaler H.265 NVR, 16 TB, NON-RAID

### Overview

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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

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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

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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

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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

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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,



### Detaljer

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- 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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## Tekniska specifikationer

### Allmänt

Teknik	IP
Operativ system	Embedded Linux
Monterbar på rack	Ja
Rackstorleksstorlek	3 U
Avtagbar fläkt	Ja
Redundant strömförsörjning	Ja

### Video-/ljudingång

Kamerakanaler	128
Max. bandbredd per kanal	16 Mbps
Kamerabandbredd	576 Mbps
Max. IP-ljud in	128
Max. analogt ljud in	1
Stödda videokomprimeri H.264, H.265 ngsstandarder	

Støttede standarder for videostreaming Onvif, RTSP Custom Protocols

### Fjärrövervakning

Total tillgänglig visningsbandbredd	512 Mbps
Max. live-strömmar	256
Max. spela upp visningsströmmar	256
Max anslutningar till inspelare (icke-visning)	256
Programvarukompatibilit Advisor Management Software (ATS8600), et OnGuard, TruVision Navigator, TVRmobile	
Webbläsarkompatibilitet	Internet Explorer

### Lagring

Lagringskapacitet	16 TB
SATA-gränssnitt	16
Maks. kapacitet per SATA HDD (TB)	6
Maximal inspelningsupplösning	8 MP
Inspelningslägen	Alarm, Event, Manual, Time-lapse high, Time-lapse low
Dual stream-inspelning (kanaler)	128
Extern lagring	NAS
Hårddiskredundans	Ja
Harddiskgruppering	Ja
Hot-swappable HDDs	Ja
Vänd öppen frontpanel	Ja
Automatisk arkivering	Ja
Hot reservinspelare	Ja
Edge failover-inspelning	Ja

### Nätverk

Nätverkskort (NIC)	8 (4x RJ45; 4x SFP)
NIC-typ	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
NIC-läge	Load balancing, Multi-address Mode, Network Redundancy
Nätverksportar per nätverkskort	1
DNS-stöd	DDNS, ezDDNS, Ingen IP
HTTPS-stöd	Ja

### Externa gränssnitt

USB-gränssnitt tillbaka	2
USB-gränssnitt fram	2
Seriellt gränssnitt	RS-232
Larmingångar	16
Larmutgångar	8
Max. analoga ljudutgångar	1

### Elektrisk

Driftspänning	100 - 240 VAC
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### Fysisk

Fysiska dimensioner	442 x 494 x 146 mm (W x D x H)
Färg	Svart

### Miljö

Driftstemperatur	-10 to +55°C
Relativ luftfuktighet	10% to 90%

### Reglerande

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