TVN-2208-4T

TruVision NVR 22, H.265, 8 IP-kameror, 4 TB HD, 2 st gigabitportar

Overview

TruVision NVR 22 (TVN 22) is a robust high performance H.264/H.265 network video recorder.
With a total bandwidth of 80/160/256 Mbps available, the TVN 22 is able to connect up to 8/16/32 IP cameras and provide real time recording (25/30 fps) at Full HD 1080p resolution on all channels simultaneously. With its fully flexible bandwidth allocation, the TVN 22 allows recording resolutions up to 8MPX at various frame rates.

Ease of use

TVN 22 is designed to make system configuration and overall use easier for both the installer and end-users through features such as: ezDDNS, start-up wizards, plug & play hard drives, auto discovery of natively supported cameras and is fully compatible with TruVision Navigator as of 6.0SP1 and TVRmobile.

H.265

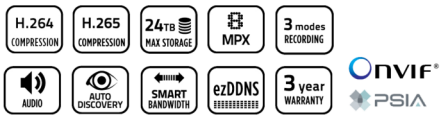
TVN 22 is supporting both H.264 and H.265 compression techniques. The H.265 compression is the next evolution of video encoding. The use of H.265 will result in a reduced file size for the same video content and a reduced transmission bandwidth compared to H.264. This means that less storage capacity is needed by H.265 than H.264 encoding for the same video duration. To use the H.265 encoding in the TVN 22, TruVision H.265 cameras need to be used.

Recording performance

The maximum on-board storage capacity for the TVN 22 is 24TB, using four six TB hard drives. The hard drives can be accessed via the lockable front panel door, allowing customers to easily expand storage as their system and/or requirements grow. Recording options include continuous, event and alarm. The three modes can be combined, to ensure that the most efficient recording is possible.

Basic intrusion integration

TVN 22 has an alarmreceiver 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 or send a notification message to TVRmobile). Also the heartbeat message between panel and recorder is monitored. This solution offers straightforward alarm verification and is free of charge.



Detaljer

- Linux embedded Plug and Play configuration
- Up to 80 Mbps camera recording bandwidth
- Up to 8 IP channels
- Up to 24TB embedded storage (4x 6TB)
- Flip-open front panel for easy HDD access, servicing and expansion
- New icon based front panel
- Real time Full HD recording
- Motion detection, VCA, privacy masking, tamper detection
- TruVision IP camera auto-detection
- Third party camera support via ONVIF and PSIA
- IP camera configuration import/export
- Custom protocol configuration (RTSP streaming)
- Network redundancy
- Integration of Carrier IP intrusion panels via SIA/XSIA reporting
- Recorder failover functionality (one failover unit per 4 operational recorders)
- TVK-800 IP Keypad support (no support for local display of H.265 cameras)
- USB DVD burner support
- Full browser-, OSD- and software-based access for live, recorded & configuration
- TVRmobile app for iOS and Android
- TruVision Navigator license-free client/host or standalone application
- External integration through SDK

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Tekniska specifikationer

Allmänt

Teknik	IP
Monterbar på rack	Ja
Rackstorleksstorlek	1.5 U
Avtagbar fläkt	Nej
Redundant strömförsörjning	Nej

Video-/ljudingång

Kamerakanaler	8
Edge failover-inspelning	8
Max. bandbredd per kanal	16 Mbps
Kamerabandbredd	80 Mbps
Max. IP-ljud in	8
Stödda videokomprimeringsstandarder	H.264, H.265, MPEG-4
Støttede standarder for videostreaming	Onvif, PSIA, RTSP, RTSP Custom Protocols

Lokal översikt

HDMI-utgång	1
HDMI-version	2.0
VGA-utgång	1
BNC-utgång	1
Max. lokal utdataupplösning	4K
OSD för synkron uppspelning (kanaler)	Up to 8 channels
Omvänd uppspelning OSD (kanaler)	1

Fjärrövervakning

Total tillgänglig visningsbandbredd	256 Mbps
Max. live-strömmar	128
Max. spela upp visningsströmmar	128
Max. webbläsare för uppspelningsupplösning	8 MPX
Max. webbläsare för uppspelning samtidigt	Max. 16 tiles (4x4)
Omvänd uppspelningswebbläsare (kanaler)	Up to 9 channels, depending on PC performance
Programvarukompatibilitet	Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser
Webbläsarkompatibilitet	Google Chrome, Internet Explorer, Mozilla Firefox, Safari

Lagring

Lagringskapacitet	4 TB
SATA-gränssnitt	4
Maks. kapasitet per SATA HDD (TB)	6
Maximal inspelningsupplösning	12 MP
Inspelningslägen	Alarm, Event, Manual, Time-lapse high, Time-lapse low
Extern lagring	eSATA, NAS, SAN
Hårddiskredundans	Ja
Harddiskgruppering	Ja
SAS förlängning	Nej
Vänd öppen frontpanel	Ja
Automatisk arkivering	Ja
Hot reservinspelare	Ja
Edge failover-inspelning	Ja

Nätverk

Nätverkskort (NIC)	2
NIC-typ	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
NIC-läge	Network Redundancy
Nätverksportar per nätverkskort	1
DNS-stöd	DDNS, ezDDNS, Ingen IP
HTTPS-stöd	Ja

Externa gränssnitt

USB-gränssnitt tillbaka	1
USB-gränssnitt fram	2
Seriellt gränssnitt	RS-232
Larmingångar	16
Larmutgångar	4
Max. analoga ljudutgångar	1

Elektrisk

Strömförsörjningstyp	100 till 240 VAC
Strömförbrukning utan hårddisk (W)	<=20 W

Fysisk

Fysiska dimensioner	442 x 371 x 74 mm (W x D x H)
Färg	Svart

Miljö

Driftstemperatur	-10 to +55°C (14 ºF to 131 ºF)
Relativ luftfuktighet	10 to 90%

Reglerande

Undfallenhet	CE, REACH, RoHS, UL

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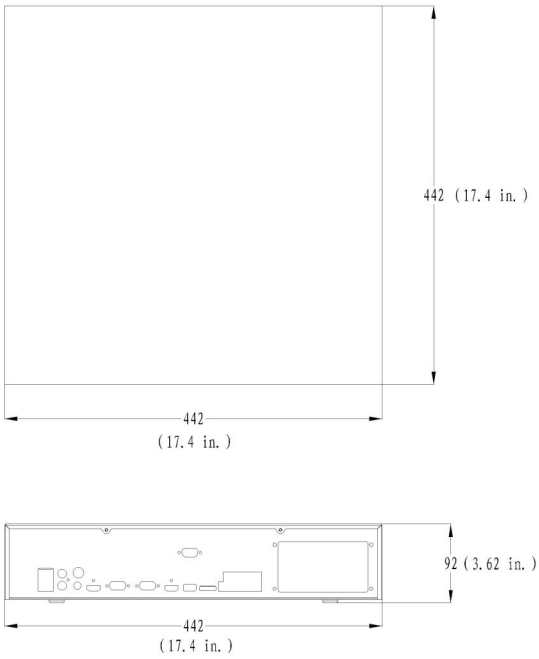

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