TVN-2208-4T

TruVision™ NVR 22 optager, 8 IP kanaler, 4TB.

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

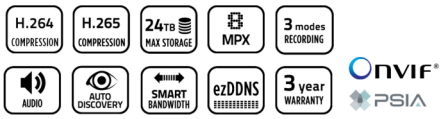
TVN 22 is supporting both H.264 and H.265 compression techniques. The H.265 compression is the next evolution of video encoding. The use of H.265 will result in a reduced file size for the same video content and a reduced transmission bandwidth compared to H.264. This means that less storage capacity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

TruVision OH

TVN 22 has the OH (Osborne-Hoffmann) alarmreceiver module embedded inside. The OH receiver is an alarm message receiver and 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 80/160/256 Mbps camera recording bandwidth
- Up to 8/16/32 channels to be connected
- 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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Tekniske specifikationer

Generelt

Teknologi	IP
Kan monteres på stativ	Ja
Rackstørrelse	1.5 U
Aftagelig blæser	Nej
Redundant strømforsyning	Nej

Video / audio input

Kamerakanaler	8
Edge failover-optagelse	8
Maks. båndbredde pr. kanal	16 Mbps
Kameraets båndbredde	80 Mbps
Maks. IP-lyd ind	8
Understøttede videokom primeringsstandarder	H.264, H.265, MPEG-4
Understøttede standarder for videostreaming	Onvif, PSIA, RTSP, RTSP Custom Protocols

Lokal visning

HDMI-udgang	1
HDMI-version	2.0
VGA-udgang	1
BNC output	1
Maks. lokal outputopløsning	4K
OSD for synkron afspilning (kanaler)	Up to 8 channels
Omvendt afspilning OSD (kanaler)	1

Fjernvisning

Total tilgjengelig båndbredde	256 Mbps
Maks. livestreams	128
Maks. afspilning af streams	128
Maks. afspilningsopløsning webbrowser	8 MPX
Maks. samtidig afspilning webbrowser	Max. 16 tiles (4x4)
Omvendt afspilningswebbrowser (kanaler)	Up to 9 channels, depending on PC performance
Softwarekompatibilitet	Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser
Browser kompatibilitet	Google Chrome, Internet Explorer, Mozilla Firefox, Safari

Opbevaring

Opbevaringskapacitet	4 TB
SATA-grænseflader	4
Maks. kapacitet pr. SATA HDD (TB)	6
Maksimal optagelsesopløsning	12 MP
Optagelsestilstande	Alarm, Event, Manual, Time-lapse high, Time-lapse low
Ekstern lagring	eSATA, NAS, SAN
Harddiskredundans	Ja
Harddiskgruppering	Ja
SAS udvidelse	Nej
Flip-open frontpanel	Ja
Automatisk arkivering	Ja
Hot reserveoptager	Ja
Edge failover-optagelse	Ja

Netværk

Netværksinterfacekort (NIC)	2
NIC-type	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
NIC-tilstand	Network Redundancy
Netværksporte pr. NIC	1
DNS-support	DDNS, ezDDNS, Ingen IP
HTTPS support	Ja

Ekstern interface

USB-grensesnitt tilbake	1
USB-grensesnitt foran	2
Seriel grænseflade	RS-232
Alarmindgange	16
Alarmuitgangen	4
Maks. analoge lydudgange	1

Elektrisk

Strømforsyningstype	100 til 240 VAC
Strømforbrug uden HDD (W)	<=20 W

Fysisk

Fysiske dimensioner	442 x 371 x 74 mm (W x D x H)
Farve	Sort

Miljø

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

Regulerende

Overholdelse	CE, REACH, RoHS, UL

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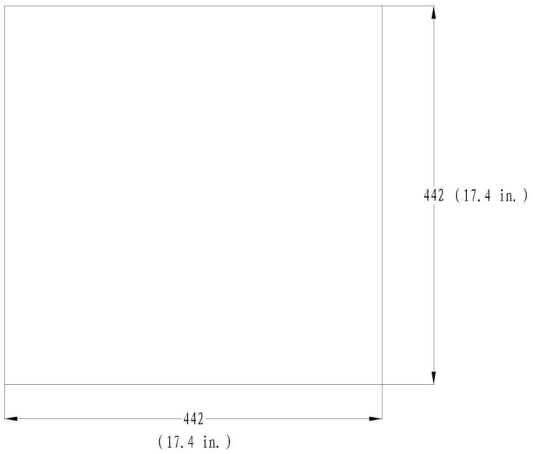

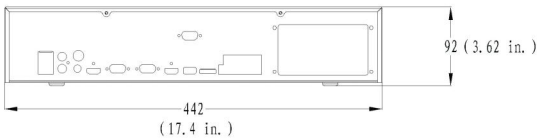

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