TVN-2216S-2T
TruVision NVR 22S, H.265, 16 kanaler IP, inbyggd PoE-switch för 16 kameror, 2 TB

Overview

TruVision NVR 22S (TVN 22S) is a robust high performance H.264/H.265 network video recorder with 8 or 16 embedded plug & play PoE ports.

With a total bandwidth of 80/160 Mbps available, the TVN 22S is able to connect up to 8/16 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 22S allows recording resolutions up to 8MPX at various frame rates.

Plug-&-play functionality

Setting up TVN 22S is easy. Its embedded PoE ports allow you to connect TruVision IP cameras as they were analog cameras. When plugged in, cameras are automatically assigned IP addresses, added to the recorder and set up at default configuration. Each IP camera can also be set up individually to ensure full flexibility.

The fully flexible PoE allocation feature ensures an optimally efficient use of the PoE power available.

Ease of use

TVN 22S allows users full flexibility in the way they want to configure, manage and monitor their video surveillance solution. In addition to management of the unit through its browser interface or TruVision Navigator, the TVN 22S allows users to also operate the recorder locally using its front panel controls, local VGA or HDMI outputs and its intuitive on screen display.

H.265

The TVN 22S 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 22S, TruVision H.265 cameras need to be used.

Recording performance

The maximum on-board storage capacity for the TVN 22S 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

Detaljer

- Linux embedded Plug and Play configuratin
- Up to 160 Mbps camera recording bandwidth
- Up to 16 IP channels
- Up to 16 embedded PoE camera ports
- PoE-af & PoE-at support
- Up to 24TB embedded storage (4x 6TB)
- Flip-open front panel for easy HDD access, servicing & expansion
- New icon based front panel
- Real-time Full HD recording
- Motion detection, VCA, privacy masking, tamper detection
- TruVision IP camera auto-discovery
- Third party camera support via ONVIF & PSIA
- IP camera configuration import/export
- Custom protocol configuration (RTSP streaming)
- 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 display of H.265 cameras possible on LCD display)
- USB DVD burner support
- Full browser-, OSD- and software-based access for live, recorded & configuration
- TVRmobile app for Android and iOS
- TruVision Navigator license-free client/host or standalone application
- TVRmobile app for Android and iOS

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.

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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	16
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

Fjärrövervakning

Programvarukompatibilitet	Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser
Webbläsarkompatibilitet	Google Chrome, Internet Explorer, Mozilla Firefox, Safari

Lagring

Lagringskapacitet	2 TB
Maximal inspelningsupplösning	12 MP
Inspelningslägen	Alarm, Event, Manual, Time-lapse high, Time-lapse low
Extern lagring	eSATA, NAS, SAN
Hårddiskredundans	Nej
Harddiskgruppering	Nej
SAS förlängning	Nej
Vänd öppen frontpanel	Ja
Automatisk arkivering	Ja
Hot reservinspelare	Ja
Edge failover-inspelning	Ja

Nätverk

NIC-typ	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE-standarder støttes	PoE-af, PoE-at
Plug & Play PoE-støtte	Ja
Flexibel PoE-tilldelning	Ja
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

Fysisk

Färg	Svart

Reglerande

Undfallenhet	CE, REACH, RoHS, UL
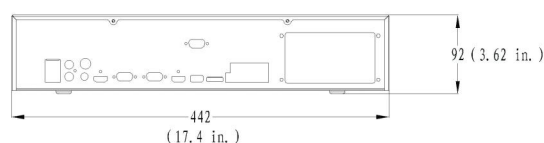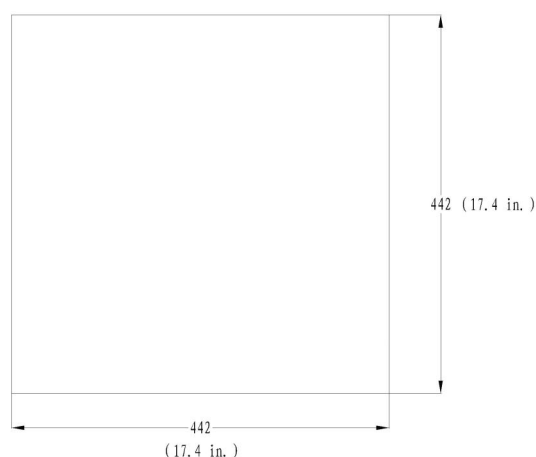
Last updated on 18 April 2024 - 16:53