

TVN-2216P-18T

TruVision™ NVR 22P recorder, 16 IP channels, 18TB, H.265 NVR, 2U

Overview

TruVision NVR 22P (TVN 22) is a robust high performance H.264/H.265 network video recorder. With a total bandwidth of 256 Mbps (16-channel) or 320Mbps (32- and 64 channel) available, the TVN 22P is able to connect up to 16/32/64 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 22P allows recording resolutions up to 8MPX at various frame rates.

Ease of use

TVN 22P was 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

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

Ease of use

Thanks to its 2U housing, the maximum on-board storage capacity for the TVN 2216P is 48 TB, using eight 6 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. Additionally, TVN 22P supports RAID 0,1, 5, 6 and 10 for storage redundancy. The supported RAID levels depend on the number on hard drives. 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 22P 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.



Details

- Linux embedded Plug and Play configuration
- Up to 256 Mbps camera recording bandwidth
- Up to 16 IP channels
- Up to 48TB embedded storage (8x 6TB)
- RAID 0, 1, 5, 6, 10 support (depending on the number of HDDs used)
- 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-discovery
- 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

TVN-2216P-18T

TruVision™ NVR 22P recorder, 16 IP channels, 18TB, H.265 NVR, 2U

Technische specificaties

Algemeen

| | |
|--------------------------|-----|
| Technologie | IP |
| Rek montage | Ja |
| Rek stapelformaat | 2 U |
| Verwijderbare ventilator | Nee |
| Redundante voeding | Nee |

Video / audio input

| | |
|--|--|
| Camera kanalen | 16 |
| IP-camerakanalen | 16 |
| Max. bandbreedte per kanaal | 16 Mbps |
| Camera bandbreedte | 256 Mbps |
| Max. IP-audio in | 16 |
| Ondersteunde videocompressie standaarden | H.264, H.265, MPEG-4 |
| Ondersteunde videostreaming standaarden | Onvif, PSIA, RTSP, RTSP Custom Protocols |

Local viewing

| | |
|----------------------------------|-------------------|
| HDMI-uitgang | 2 |
| HDMI-versie | 2.0 |
| VGA-uitgang | 2 |
| BNC-uitgang | 1 |
| Max. lokale uitgangresolutie | 4K |
| Synchroon afspelen OSD (kanalen) | Up to 16 channels |
| Achteruit afspelen OSD (kanalen) | 1 |

Weergave op afstand

| | |
|--|--|
| Totale beschikbare bandbreedte voor weergave | 256 Mbps |
| Max. aantal streams bij live weergave | 128 |
| Max. aantal streams bij afspelen | 128 |
| Max. afspeelresolutie webbrowser | 8 MPX |
| Max. gelijktijdig afspelen webbrowser | Max. 16 tiles (4x4) |
| Webbrowser voor achteruit afspelen (kanalen) | Up to 9 channels, depending on PC performance |
| Software compatibiliteit | Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser |
| Browser compatibiliteit | Google Chrome, Internet Explorer, Mozilla Firefox, Safari |

Opslag

| | |
|-----------------------------------|---|
| Opslagcapaciteit | 18 TB |
| SATA-interfaces | 8 |
| Max. capaciteit per SATA HDD (TB) | 8 |
| Maximale opnameresolutie | 12 MP |
| Opnamemodi | Alarm, Event, Manual, Time-lapse high, Time-lapse low |
| Externe opslag | eSATA, NAS, SAN |
| Ondersteunde RAID-niveaus | RAID 0, RAID 1, RAID 5 |
| Harde schijf redundantie | Ja |
| Harde schijf groepering | Ja |
| SAS-extensie | Nee |
| Opklapbaar voorpaneel | Ja |
| Automatische archivering | Ja |
| Hot spare-recorder | Ja |
| Edge-failover opname | Ja |

Netwerken

| | |
|------------------------------|---|
| Netwerkkinterfacaarten (NIC) | 2 |
| Type NIC | RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| NIC-modus | Network Redundancy |
| Netwerkpporten per NIC | 1 |
| DNS ondersteuning | DDNS, ezDDNS, Geen IP |
| HTTPS-ondersteuning | Ja |

Externe interfaces

| | |
|------------------------------|--------|
| USB-interface achterzijde | 1 |
| USB-interface voorzijde | 2 |
| Seriële interface | RS-232 |
| Alarmingangen | 16 |
| Alarmuitgangen | 4 |
| Max. analoge audio-uitgangen | 1 |

Elektrisch

| | |
|----------------------------------|-----------------|
| Type voeding | 100 tot 240 VAC |
| Vermogensverbruik zonder HDD (W) | <=30 W |

Fysiek

| | |
|--------------------|-------------------------------|
| Fysieke afmetingen | 442 x 442 x 92 mm (W x D x H) |
| Kleur | Zwart |

Omgeving

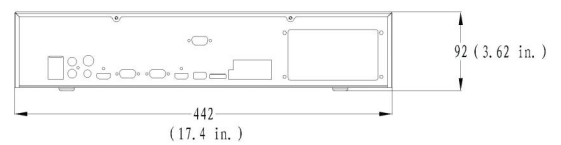
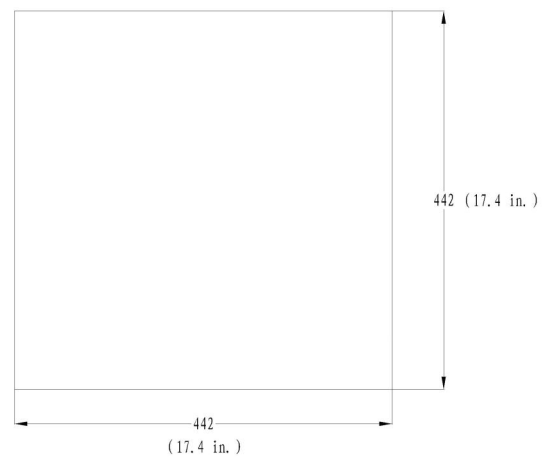
| | |
|-----------------------|--------------------------------|
| Bedrijfstemperatuur | -10 to +55°C (14 °F to 131 °F) |
| Relatieve vochtigheid | 10 to 90% |

TVN-2216P-18T

TruVision™ NVR 22P recorder, 16 IP channels, 18TB, H.265 NVR, 2U

Regelgeving

| | |
|--------------|---------------------|
| Conformiteit | CE, REACH, RoHS, UL |
|--------------|---------------------|



Als een bedrijf van innovatie behoudt Carrier Fire & Security zich het recht voor productspecificaties zonder kennisgeving te wijzigen. Ga voor de nieuwste productspecificaties online naar be.firesecurityproducts.com of neem contact op met uw verkoopvertegenwoordiger.

Last updated on 18 April 2024 - 16:55