



Product data sheet

TVN-1108-4T

TruVision NVR 11, 8 channels, 80 Mbps, 4 TB

Overview

TruVision NVR 1108 (TVN 1108) is a cost effective network video recorder for eight IP video cameras. With a total of 80 Mbps of incoming bandwidth available, it can support up to eight cameras at Full HD resolution (1080P) in real time (25 fps).

Ease of use & flexibility

TVN 11 is designed to be flexible – not only in its deployment and product selection, but also in its day-to-day operations.

The unit can be fully controlled locally using the front panel buttons and mouse, displaying high resolution Full HD video on its local VGA monitor or even at 4K resolution on the HDMI video output.

Alternatively, TVN 11 can be operated remotely using its full featured web browser interface or using the TruVision Navigator and TVRMobile software applications.

TVN 11 is available with 2 TB or 4 TB onboard storage. Recording options include continuous, event and alarm. The three modes can be combined to ensure that the most flexible and efficient recording method.

H.265

TVN 11 supports both H.264 and H.265 compression techniques. H.265 compression is the next evolution in video encoding. Compared to H.264, using H.265 will reduce the file size for the same video content and reduce transmission bandwidth. This means that less storage capacity is needed by H.265 than H.264 encoding for the same video duration. H.265 encoding in the TVN 11 requires that H.265 TruVision IP cameras are used.

Basic intrusion integration

TVN 11 can receive SIA or XSIA alarm messages from up to three Interlogix IP intrusion panels. Alarm messages, disarming and arming messages can be sent from the alarm panel to the recorder, which then can execute actions (ex. trigger alarm recording, send an email, send a PTZ to a preset, ...). 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
- Supports H.264 and H.265
- Up to 80 Mbps camera recording bandwidth
- Up to eight IP channels
- 4 TB embedded storage
- Icon based front panel
- Real time Full HD recording
- Up to 4K resolution support
- Motion detection, VCA, privacy masking and tamper detection
- TruVision IP camera auto-detection
- Third party camera support via ONVIF Profile S or RTSP (custom protocols)
- IP camera configuration import/export
- Integration of Carrier IP intrusion panels via SIA/XSIA reporting
- 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 video & configuration
- TVRMobile app for iOS and Android
- TruVision Navigator license-free client/host or standalone application
- External integration through SDK

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Technical specifications

General

| | |
|--------------------|----------------|
| Operating system | Embedded Linux |
| Rack mountable | Yes |
| Rack stacking size | 1 U |

Video/audio input

| | |
|---------------------------------------|------------------------------|
| IP camera channels | 8 |
| Camera bandwidth | 80 Mbps |
| Max. IP audio in | 8 |
| Max. analog audio in | 1 |
| Supported video compression standards | H.264, H.265 |
| Supported video streaming standards | Onvif, RTSP Custom Protocols |

Local viewing

| | |
|-------------------------------------|--------------------------|
| HDMI output | 1 |
| HDMI version | 1.4, 2.0 |
| VGA output | 1 |
| Max. local output resolution | Full HD 1080p |
| Synchronous playback OSD (channels) | Up to 4 channels (1080P) |
| Reverse playback OSD (channels) | Up to 1 channel |

Remote viewing

| | |
|---|---|
| Total available viewing bandwidth | 80 Mbps |
| Max. live viewing streams | 128 streams |
| Max. simultaneous playback web browser | TCP: Up to 16 ch; UDP: Up to 8 ch |
| Reverse playback web browser (channels) | TCP: Up to 16 ch; UDP: Up to 8 ch |
| Software compatibility | Advisor Manager, OnGuard, TruVision Navigator, TVRmobile |
| Browser compatibility | Google Chrome, Internet Explorer, Mozilla Firefox, Safari |

Storage

| | |
|------------------------------|---|
| Storage capacity | 4 TB |
| Maximum recording resolution | 4 K |
| Recording modes | Alarm, Event, Manual, Time-lapse high, Time-lapse low |
| Edge failover recording | No |

Networking

| | |
|-------------------------------|---|
| Network interface cards (NIC) | 1 |
| NIC type | RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| DNS support | DDNS, ezDDNS, No-IP |
| HTTPS support | Yes |

External interfaces

| | |
|---------------------------|---|
| USB interface back | 1 |
| USB interface front | 1 |
| Alarm inputs | 4 |
| Alarm outputs | 1 |
| Max. analog audio outputs | 1 |

Electrical

| | |
|-----------------------------------|--------|
| Operating voltage | 12 VDC |
| Power supply type | 12 VDC |
| Power consumption without HDD (W) | 40 W |

Physical

| | |
|---------------------|-------------------------------|
| Physical dimensions | 380 x 320 x 48 mm (W x D x H) |
| Net weight | 2 kg |
| Colour | Black |

Environmental

| | |
|-----------------------|-------------------------|
| Operating temperature | -10 to +55 °C |
| Relative humidity | 10 to 90% noncondensing |

Standards & regulation

| | |
|------------|---------------------|
| Compliance | CE, REACH, RoHS, UL |
|------------|---------------------|

As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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