United
Technologies

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TVN-1108-KT1
TVN 11 kit, 8-Ch., NVR w/4 2MPx (2.8 mm) IR Turret Cameras

Overview

The TVN-1108-KT1 is a 4-channel video kit, that consists of one 8-channel network recorder (TVN-1108S-2T) and four 2 MPx (2.8 mm) turret cameras.
The recorder has eight built-in PoE ports for ease of installation.

For more information about the recorder and cameras, see the individual datasheets.

Details

- Linux embedded recorder with Plug and Play configuration
- Recorder and cameras support H.264 and H.265
- Eight Plug & Play PoE ports (PoE-af & PoE-at support) with flexible budgetting
- Automatic setup of IP address, resolution & other settings through Plug&Play ports of the recorder
- Up to 80 Mbps camera recording bandwidth for maximum eight IP cameras
- Recorder with 2 TB embedded storage
- Real time Full HD recording
- Motion detection, VCA, privacy masking and tamper detection in recorder
- TruVision IP camera auto-detection
- Integration in recorder of UTC IP intrusion panels via SIA/XSIA reporting
- Full browser-, OSD-, and software-based access for live, recorded video & configuration
- Turret camera with a maximum resolution of 1920 x 1080
- Cameras: H.265 and/or H.264 compression with triple-streaming functionality
- Edge recording up to 128 GB SDHC in cameras
- Up to 30 m IR illumination
- Up to 120 dB Wide Dynamic Range
- Video intelligence in cameras: face detection, intrusion detection cross line detection
- 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

Video/audio input

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

Local viewing

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

Remote viewing

Total available viewing bandwidth	80
Max. live viewing streams	128 streams
Max. playback viewing streams	8 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	Internet Explorer

Storage

Storage capacity	2 TB
Maximum recording resolution	4 K
Recording modes	Alarm, Event, Manual, Time-lapse high, Time-lapse low
Hard drive redundancy	No
Hard drive grouping	No
Hot swappable HDDs	No
SAS extension	No
Flip-open front panel	No
Auto archiving	No
Hot spare recorder	No
Edge failover recording	No

Networking

Network interface cards (NIC)	1
NIC type	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE ports	8
Total PoE budget	120
PoE standards supported	PoE-af, PoE-at
Max. PoE budget per port	30
Plug & Play PoE support	Yes
Flexible PoE allocation	Yes
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

General

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

Electrical

Operating voltage	100 to 240 VAC
Power consumption without HDD (W)	180

Physical

Physical dimensions	380 x 320 x 48 mm
Net weight	2.4 kg
Colour	Black

Environmental

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

Standards & regulation

Compliancy	CE, REACH, RoHS, UL

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