TVN-2316P-16T

TruVision™ NVR 23 recorder, 16 IP channels, 2U, 16 TB (4x 4TB)

Product overview

The TruVision TVN23(S/P) is a versatile and robust network video recorder.
The recorder series is available in different channel variations, with different hard drive capacities and with or without built-in PoE ports.

The TVN2316P recorder can connect up to 16 IP cameras. The recording is using efficient H.264/H.265 encoding or smart variants (for supported cameras) to optimize the storage of important footage for all connected cameras.
In combination with our TruVision IP cameras, the TVN 23 (S/P) recorders support different events (motion detection, cross line detection, intrusion detection) with person/vehicle classification for more efficient detection and easy retrieval of recorded video and snapshots.
The UltraSync support allows the TVN23(S/P) recorders to be accessed remotely via the TVRMobile app, offering access to all UltraSync features and upcoming add-ons.
Thanks to its built-in UltraSync connectivity, can the TVN23(S/P) easily connect to the internet without the need for port forwarding or VPN. Remotely viewing video on mobile applications has never been easier.

The TVN23 can be used with Advantech ADAM 6060 I/O IP module (6 in/6 out) to expand the alarm capabilities of the recorder. Maximum 8 modules can be added to a recorder. This is supported as of firmware version 1.02.002.

Applications

The TVN23(S/P) recorder is suitable for small and medium sized commercial and industrial applications (such as retail stores, warehouses, offices,..) where it can be managed by the TruVision Navigator video management software.



Détails

- Linux embedded network video recorder
- Up to 256 Mbps camera recording bandwidth
- Up to 16 IP channels
- Up to 80 TB embedded storage (8x 10TB)
- Flip-open, lockable front panel for easy HDD access. For servicing and expansion.
- UltraSync support for remote access without port forwarding
- TruVision IP camera auto-discovery
- Third party camera support via ONVIF (Profile S)
- IP camera configuration import/export
- Custom protocol configuration (RTSP streaming)
- Motion detection, VCA, privacy masking, tamper detection
- People/vehicle classification for events (only with supported TruVision cameras)
- Integration of Aritech IP intrusion panels via SIA/XSIA reporting
- Alarm extension via Advantech ADAM-6060 I/O IP module (6 in/6 out)
- POS text insertion support
- Recorder failover functionality
- Hard drive redundancy if more than one hard drive is used
- TVK-600 & TVK-610 IP keypad support
- Full browser-, OSD- and software-based access for live, recorded & configuration
- Support via TVRMobile app for iOS and Android
- Supported by TruVision Navigator license-free client/host or standalone application

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Spécifications techniques

Général

Technologie	IP
Système d’exploitation	Linux
Montage en rack	Oui
Taille d'empilage de rack	2 U

Entrée vidéo/audio

Canaux caméra	16
Canaux caméra IP	16
Bande passante Max par canal	16 Mbps
Bande passante de la caméra	256 Mbps
Compression audio	AAC, G.711alaw, G.711ulaw, G.722, G.726, MP2L2
Entrée audio IP maximum	16
Entrée analogique maximum	1
Normes de compression vidéo prises en charge	H.264, H.264+, H.265, H.265+
Normes de streaming vidéo prises en charge	Onvif, RTSP Custom Protocols

Visualisation locale

Sortie HDMI	2
Version HDMI	2.0
Sortie VGA	2
Sortie BNC	1
Résolution de sortie max. locale	8K
Lecture OSD synchrone (canaux)	Up to 16 channels

Visualisation à distance

Bande passante d'affichage totale disponible	256 Mbps
Flux de visualisation max. en direct	128
Flux de lecture maximum	128
Lecture simultanée max. via le navigateur	Max. 16 tiles (4x4)
Transcodage	Yes
UltraSync support	Yes, embedded
Logiciel compatible	Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser
Navigateur compatible	Google Chrome, Microsoft Edge, Mozilla Firefox, Safari

Stockage

Capacité de stockage	16 TB
Interface SATA	8
Capacité Max. par disque dur SATA (To)	10
Résolution maximale denregistrement	12 MP, 16 MP, 24 MP, 32 MP
Modes d'enregistrement	Alarm, Continuous, Event, Manual
Enregistrement en double flux (canaux)	16
Stockage externe	eSATA, NAS, SAN
Supported RAID levels	RAID 0, RAID 1, RAID 10, RAID 5, RAID 6
Redondance du disque dur	Yes
Groupement de disque dur	Yes
Panneau avant rabattable	Yes
Archivage automatique	Yes
Enregistreur échangeable à chaud	Yes
Enregistrement de basculement Edge	Yes

Réseau

Cartes interface réseau (NIC)	2
Type NIC	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Ports réseau par NIC	1
Support DNS	DDNS, ezDDNS, Pas d'IP
HTTPS	Yes

Interfaces externes

Interface USB arrière	1
Interface USB avant	2
Interface série	RS-232, RS-485
Entrées d'alarme	16
Sorties d'alarme	9
Sorties audio analogique maximum	1

Électrique

Type de bloc d’alimentation	100 à 240 VCA
Consommation d'énergie sans disque dur (W)	50 W (without HDD)

Caractéristiques physiques

Dimensions physiques	442 x 469 x 88 mm (W x D x H)
Poids net	≤ 10 kg (without HDD)
Couleur	Noir

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Environnement

Température de fonctionnement	-10 to +55°C 14 to 131ºF
Humidité relative	10 to 90%

Régulateur

Conformité	CE, REACH, RoHS, UL

Note about RAID

Min. disk size for RAID	4 TB per disk.

Alarm extension (to be purchased from Advantech or his distributors)

Advantech ADAM-6060 I/O IP module	6 inputs - 6 outputs

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