TVN-2316-10T

Enregistreur TruVision™ NVR 23, 16 canaux IP, 10 To (1 × 10 To)

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 TVN2316 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

- Enregistreur vidéo sur IP Linux intégré
- Jusqu'à 256 Mbps de bande passante pour l'enregistrement
- Jusqu'à 16 canaux IP
- Jusqu'à 40 To de stockage intégré (4x 10 To)
- Panneau avant verrouillable et rabattable pour un accès facile au disque dur. Pour l'entretien et l'extension.
- Prise en charge d'UltraSync pour l'accès à distance sans transfert de port
- Reconnaissance automatique des caméras IP TruVision
- Prise en charge de caméras tierces via ONVIF (profil S)
- Importation/exportation de la configuration de la caméra IP
- Configuration personnalisée du protocole (streaming RTSP)
- Détection de mouvement, VCA, masquage de confidentialité, détection de sabotage
- Classification des personnes/véhicules pour les événements (uniquement avec les caméras TruVision prises en charge)
- Intégration des centrales d'intrusion Aritech IP via les rapports SIA/XSIA
- Extension d'alarme via le module E/S IP Advantech ADAM-6060 (6 entrées / 6 sorties)
- Prise en charge de l'insertion de texte POS
- Fonctionnalité de basculement de l'enregistreur
- Redondance du disque dur si plus d'un disque dur est utilisé
- Prise en charge du clavier IP TVK-600 et TVK-610
- Accès complet par navigateur, OSD et logiciel pour le mode en direct, l'enregistrement et la configuration.

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Spécifications techniques

General

Technology	IP
Operating system	Linux
Rack mountable	Yes
Rack stacking size	1.5 U

Video/audio input

Camera channels	16
IP camera channels	16
Max. bandwidth per channel	16 Mbps
Camera bandwidth	256 Mbps
Audio compression	AAC, G.711alaw, G.711ulaw, G.722, G.726, MP2L2
Max. IP audio in	16
Max. analog audio In	1
Supported video compression standards	H.264, H.264+, H.265, H.265+
Supported video streaming standards	Onvif, RTSP Custom Protocols

Local viewing

HDMI output	2
HDMI version	2.0
VGA output	1
BNC output	1
Max. local output resolution	8K
Synchronous playback OSD (channels)	Up to 16 channels

Remote viewing

Total available viewing bandwidth	256 Mbps
Max. live viewing streams	128
Max. playback viewing streams	128
Max. simultaneous playback web browser	Max. 16 tiles (4x4)
Transcoding	Yes
UltraSync support	Yes, embedded
Software compatibility	Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser
Browser compatibility	Google Chrome, Microsoft Edge, Mozilla Firefox, Safari

Storage

Storage capacity	10 TB
SATA interfaces	4
Max. capacity per SATA HDD (TB)	10
Maximum recording resolution	12 MP, 16 MP, 24 MP, 32 MP
Recording modes	Alarm, Continuous, Event, Manual
Dual stream recording (channels)	16
External storage	eSATA, NAS, SAN
Hard drive redundancy	Yes
Hard drive grouping	Yes
Flip-open front panel	Yes
Auto archiving	Yes
Hot spare recorder	Yes
Edge failover recording	Yes

Networking

Network interface cards (NIC)	2
NIC type	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Network ports per NIC	1
DNS support	DDNS, ezDDNS, No-IP
HTTPS support	Yes

External interfaces

USB interface back	1
USB interface front	2
Serial interface	RS-232, RS-485
Alarm inputs	16
Alarm outputs	9
Max. analog audio outputs	1

Electrical

Power supply type	100 to 240 VAC
Power consumption without HDD (W)	15 W (without HDD)

Physical

Physical dimensions	442 x 469 x 70 mm (W x D x H)
Net weight	≤ 5 kg (without HDD)
Colour	Black

Environmental

Operating temperature	-10 to +55°C 14 to 131ºF
Relative humidity	10 to 90%

Regulatory

Compliancy	CE, REACH, RoHS, UL

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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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