

TVN-2316P-4T

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

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.

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.



Dettagli

- 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
- POS text insertion support
- Recorder failover functionality
- Hard drive redundancy if more than one hard drive is used
- TVK-600 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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Specifiche tecniche

Generale

Tecnologia	IP
Sistema operativo	Linux
Si può installare su rack	Si
Dimensioni impilaggio rack	2 U

Ingresso audio/video

Canali telecamera	16
Canali della telecamera IP	16
Max. Kaista per kanava	16 Mbps
Larghezza di banda telecamera	256 Mbps
Compressione audio	AAC, G.711alaw, G.711ulaw, G.722, G.726, MP2L2
Max. Ingresso audio IP	16
Entrée analogique maximum	1
Stadards di compressione video supportati	H.264, H.264+, H.265, H.265+
Standards di video streaming supportati	Onvif, RTSP Custom Protocols

Visione locale

Uscita HDMI	2
Versione HDMI	2.0
Uscita VGA	2
Uscita BNC	1
Max. risoluzione uscita locale	8K
Lecture OSD synchrone (canaux)	Up to 16 channels

Visione a distanza

Larghezza di banda totale disponibile	256 Mbps
Max. visualizzazioni live stream	128
Max. visualizzazioni playback stream	128
Max. playback web browser simultanei	Max. 16 tiles (4x4)
Transcodifica	Si
UltraSync support	Yes, embedded
Compatibilità Software	Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser
Compatibilità browser	Google Chrome, Microsoft Edge, Mozilla Firefox, Safari

Memoria

Capacità di immagazzinamento	4 TB
Interfacce SATA	8
Capacità massima per SATA HDD (TB)	10
Massima risoluzione di registrazione	12 MP, 16 MP, 24 MP, 32 MP
Modalità di registrazione	Allarme, Continuous, Eventi, Manuale
Registrazione dual stream (canali)	16
Registrazione esterna	eSATA, NAS, SAN
Livelli RAID supportati	RAID 0, RAID 1, RAID 10, RAID 5, RAID 6
Ridondanza del disco rigido	Si
Raggruppamento del disco rigido	Si
Pannello frontale apribile	Si
Archiviazione automatica	Si
Registratore di riserva a caldo	Si
Registrazione failover edge	Si

Networking

Schede di interfaccia di rete (NIC)	2
Tipo NIC	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Porte di rete per NIC	1
Supporto DNS	DDNS, ezDDNS, Nessun IP
Supporto HTTPS	Si

Interfaccia esterna

Interfaccia USB posteriore	1
Interfaccia USSB frontale	2
Interfaccia Seriale	RS-232, RS-485
Ingresso di allarme	16
Uscita di allarme	9
Max. uscite audio analogiche	1

Elettrico

Tipo di alimentatore	100 a 240 VCA
Potenza assorbita senza HDD (W)	50 W (without HDD)

Fisico

Dimensioni fisiche	442 x 469 x 88 mm (W x D x H)
Peso netto	≤ 10 kg (without HDD)
Colore	Nero

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Ambientale

Temperatura operativa	-10 to +55°C
	14 to 131°F

Umidità relativa	10 to 90%
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Regolatorio

Conformità	CE, REACH, RoHS, UL
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Note about RAID

Min. disk size for RAID	4 TB per disk.
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