

DATASHEET

TVN-2316P-000

TruVision™ NVR 23 recorder

MAIN FEATURES

- TruVision™ NVR 23 recorder
- 16 IP channels
- 2U
- without HDD

TECHNICAL SPECIFICATIONS

Power supply

Power supply type	100 to 240 VAC
Power consumption without HDD (W)	50 W (without HDD)

Inputs / outputs

HDMI output	2
VGA output	2
BNC output	1
Max. local output resolution	8K
Alarm inputs	16
Alarm outputs	9
Max. analog audio outputs	1

Physical characteristics

Rack stacking size	2 U
Physical dimensions	442 x 469 x 88 mm (W x D x H)
Net weight	≤ 10 kg (without HDD)
Colour	Black
Min. disk size for RAID	4 TB per disk.

Environmental characteristics

Operating system	Linux
IP camera channels	16

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TECHNICAL SPECIFICATIONS

Max. IP audio in	16
Flip-open front panel	Yes
Operating temperature	-10 to +55°C 14 to 131°F
Relative humidity	10 to 90%
Advantech ADAM-6060 I/O IP module	6 inputs - 6 outputs
Other characteristics	
Technology	IP
Rack mountable	Yes
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. analog audio In	1
Supported video compression standards	H.264, H.264+, H.265, H.265+
Supported video streaming standards	Onvif, RTSP Custom Protocols
HDMI version	2.0
Synchronous playback OSD (channels)	Up to 16 channels
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 capacity	without HDD
SATA interfaces	8
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
Supported RAID levels	RAID 0, RAID 1, RAID 10, RAID 5, RAID 6
Hard drive redundancy	Yes
Hard drive grouping	Yes
Auto archiving	Yes
Hot spare recorder	Yes

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TECHNICAL SPECIFICATIONS

Edge failover recording	Yes
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
USB interface back	1
USB interface front	2
Serial interface	RS-232, RS-485
Compliance	CE, REACH, RoHS, UL