

DATASHEET



TVE-420

Truvision IP Encoder

MAIN FEATURES

- Truvision IP Encoder
- 4 CH
- 960H or HD-TVI (5MP max.)
- Audio
- Alarm
- RS-485
- PoE-af /12VDC
- Compact

TECHNICAL SPECIFICATIONS

Power supply

Power supply type	VDC
Power supply value	12 VDC / PoE (IEEE802.3-af)
Power consumption	Max. 8 W
Current consumption	670 mA

Inputs / outputs

Analog video inputs	4
Audio inputs	4-ch, Pin Connector Interface (2 Vp-p, 1 k Ω)
Bi-directional audio inputs	1-ch, RCA (2.0 Vp-p, 1 k Ω) Using Audio In
Audio outputs	1-ch, 3.5 mm Interface (Linear, 600 Ω)
Alarm inputs	4

Physical characteristics

Physical dimensions	114 x 48 x 128 mm
Net weight	557 g

Environmental characteristics

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

Other characteristics

Technology	Encoder (Analog to IP)
Supported video standard	ONVIF

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TECHNICAL SPECIFICATIONS

Motion detection	Yes
Supported PTZ protocols	Pelco-D, Pelco-P, TruVision RS-422, TruVision RS-485
Watermark	Yes
NAS support	Yes
Software compatibility	TruVision Navigator, TVRmobile
Video standard	NTSC, PAL
Video compression	H.264, MJPEG, MPEG-4
Audio compression	G.711
Video bit rate	32 kbps to Max. 8192 kbps
Stream type	Audio, Video
Multi streaming	Dual Streaming
Main stream resolution fps	2CIF@25fps, 4CIF@25fps, 960H@25fps, CIF@25fps
Sub stream resolution fps	2CIF@8fps, 4CIF@4fps, 960H@2fps, CIF@12fps, QCIF@25fps
Audio bitrate	64 kbps
Network interface	1, RJ45 10 M / 100 M Auto-Negotiate Ethernet Interface
Serial interface	RS-485
Alarm out	2
Form factor	Desktop