TVE-410

Truvision IP Encoder, 4 CH, 960H, Audio, Alarm, RS-485, PoE (803.AF) /12VDC, Compact

Overview

The TruVision TVE Series IP Video Encoders includes 1-, 4-, 8- and 16-channel encoders, allowing you to transform analog camera signals to a H.264 compressed IP signal. This product is an ideal solution to help you gradually upgrade and migrate video surveillance systems from analog to IP. Instead of replacing entire systems, viable analog cameras can be integrated in new IP based systems, simply by using the range of TruVision encoders.

Compression & streaming

TruVision encoders utilize H.264 compression with dual-streaming capability, making it easy to manage the encoder's bandwidth usage. These encoders are designed to adhere to PSIA and ONVIF open communication standards, and also support a CGI command set for simple integration into any IP system. Video streams can be set for high and low bandwidth and images can be streamed for live viewing or sent to a designated recording location.

Details

- 4 channel encoder
- Supports H.264, MPEG4 and MJPEG compression
- Real-time 960H on all channels
- Encoding resolution 960H, 4CIF, 2CIF, CIF, QCIF
- Dual streaming functionality
- Compliant to ONVIF/PSIA/CGI
- 4 channel audio input
- 4 alarm inputs
- 2 alarm output

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Technical Specifications

Video/audio inputs

Video Standard	NTSC, PAL
Video Compression Standard	H.264, MJPEG, MPEG-4
Analog Video Inputs	4
Audio Compression Standard	G.711
Audio Inputs	4-ch, Pin Connector Interface (2 Vp-p, 1 kΩ)
Bi-directional Audio Inputs	1-ch, RCA (2.0 Vp-p, 1 kΩ) Using Audio In

Video/audio outputs

Video Bit Rate	32 kbps to Max. 8192 kbps
Stream Type	Video, Video & audio
Multi Streaming	Dual Streaming
Main Stream Resolution fps	960H@25fps, 4CIF@25fps, 2CIF@25fps, CIF@25fps
Sub Stream Resolution fps	960H@2fps, 4CIF@4fps, 2CIF@8fps, CIF@12fps, QCIF@25fps
Audio Outputs	1-ch, 3.5mm Interface (Linear, 600 Ω)
Audio Bitrate	64 kbps

Interfaces

Network Interface	1, RJ45 10 M / 100 M Auto-Negotiate Ethernet Interface
Serial Interface	RS-485
Alarm Inputs	4
Alarm Out	2

Storage

Local Storage Support	Yes
Local Storage Type	Micro SD/SDHC Card Slot, up to 32 GB (card not included)

General

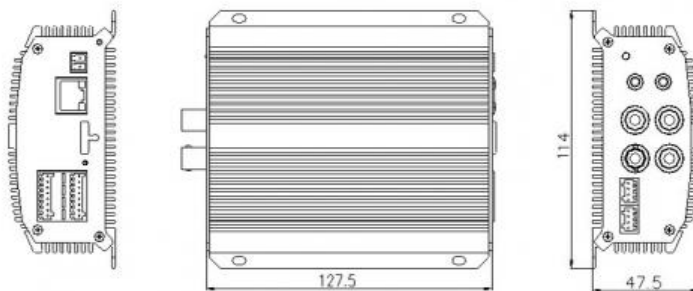|	
Technology	Encoder (Analog to IP)
Supported Video Standards	CGI, ONVIF, PSIA
Motion Detection	Yes
Supported PTZ Protocols	Pelco-D, Pelco-P, TruVision RS-422, TruVision RS-485
Watermark	Yes
NAS Support	Yes
Software Compatibility	TVRmobile, Prism Mobile, TruVision Navigator, Advisor Manager, Prism, OnGuard, TruPortal, MASterMind, UltraView

Electrical

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

Physical

Physical dimensions	114 x 48 x 128 mm
Net weight	557 g
Form factor	Desktop, Rack mount

Environmental

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

United Technologies

Climate | Controls | Security