



Product Data Sheet

TVE-400

TruVision 4 channel H.264 Encoder

Overview

The TVE-400 is a 4 channel encoder, 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.

Standard Features

- 4 channel encoder
- H.264 compression
- Real-time 4CIF on all channels
- Compliant to ONVIF/PSIA/CGI
- 1 channel audio input
- 4 alarm inputs
- 1 alarm output
- Dual streaming functionality

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Specifications

Video/Audio input

- Video compression: H.264
- Analog video input: 4-ch, BNC connector (1.0 Vp-p, 75 Ω); PAL / NTSC adaptive
- Audio compression: G.711
- Audio input: 1-ch, RCA connector (2 Vp-p, 1 kΩ)
- Bi-directional audio input: 1-ch, RCA (2.0 Vp-p, 1 kΩ) (Using AUDIO IN)
- Audio output: 1-ch, RCA connector (Linear, 1 kΩ)

Video/Audio output

- Main stream frame rate: 4CIF / 2CIF / CIF @ 25 fps (P) / 30 fps (N)
- Sub stream frame rate: CIF@ 6 fps or QCIF@25 fps (P) / 30 fps (N)
- Video bit rate: 32 kbps to 2048 kbps, or user-defined (Max. 3072 kbps)
- Stream type: Video/ Video & Audio
- Audio bit rate : 64 kbps
- Dual streaming: Supported

External interface

- Network interface: 1, RJ45 10 M / 100 M adaptive Ethernet interface
- Serial port: 1 RS-485 interface, half-duplex
- Alarm in: 4
- Alarm out: 1

Others

- Protocol: Support CGI, PSIA and ONVIF
- Current: Max. 1 A
- Operating temperature: -10 to +55 C° (14 to 131 °F)
- Operating humidity: 10 to 90%
- Dimensions: 315 × 45 × 201 mm (12.4 × 1.77 × 7.91 in.)
- Weight: 1.4 kg (3.08 lb)

Diagram

Ordering Information

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