



## Product Data Sheet

# TVE-1600

TruVision 16 channel H.264 Encoder

### Overview

---

The TVE-1600 is a 16 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

---

- 16 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

# TVE-1600

## TruVision 16 channel H.264 Encoder

### Specifications

---

#### Video/Audio input

- Video compression: H.264
- Analog video input: 16-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 stream : Support

#### External interface

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

#### Others

- Protocol: Support CGI, PSIA and ONVIF
- Current: Max 2A
- 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: 1.6 kg (3.53 lb)

---

### Diagram

### Ordering Information

---

TVE-1600

TruVision 16 channel H.264 Encoder

