



TVE-1610

TruVision® IP H.264 Encoder, 16 Channel, 960H

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.



Standard Features

- 16 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
- 16 channel audio input
- 16 alarm inputs
- 4 alarm output

TVE-1610

TruVision® IP H.264 Encoder, 16 Channel, 960H

Specifications

Video/Audio input	
Video compression:	H.264 / MPEG4 / MJPEG
Analog video input:	16-ch, BNC connector (1.0 Vp-p, 75 Ω); PAL / NTSC adaptive
Audio compression:	G.711
Audio input:	16-ch pin connector interface (2.0 Vp-p, 1 k)
Bi-directional audio input:	1-ch, RCA (2.0 Vp-p, 1 k) (Using AUDIO IN)
Video/Audio output	
Main stream frame rate:	960H / 4CIF / 2CIF / CIF @ 25 fps
Sub stream frame rate:	960H @ 2 fps / 4CIF @ 4 fps / 2 CIF @ 8 fps / CIF @ 12 fps / QCIF @ 25 fps
Video bit rate:	32 kbps to Max. 8192 kbps
Stream type:	Video/ Video & Audio
Audio bit rate :	64 kbps
Audio output:	1-ch, 3.5mm interface (Linear, 600)
Dual streaming:	Supported
External interface	
Network interface:	1, RJ45 10 M / 100 M auto-negotiate Ethernet Interface
Serial port:	1 RS-485 interface, half-duplex
Alarm in:	16
Alarm out:	4
Miscellaneous	
Protocol:	Support CGI, PSIA and ONVIF
PTZ Control Protocol:	TruVision RS-485, TruVision RS-422 protocol, Pelco-D, Pelco-P
Watermark:	Yes
NAS	Supported
Motion Detection:	Supported
Local Storage:	NA
Electrical & Mechanical	
Voltage / PoE:	12 VDC / NA
Consumption:	22 W (Max.)
Current:	1850 mA
Operating temperature:	-10 to +55 C° (14 to 131 °F)
Operating humidity:	10 to 90%
Dimensions:	440 x 45 x 274 mm (17.3 x 1.8 x 10.8 in.)
Weight:	2486 g (5.48 lb)
Installation	Desktop and rack-mount. For rack mounting the TVE-110/410/810 encoders, use the TVE-RMB rack mount bracket.

Ordering Information

Part No.	Description
TVE-1610	TruVision® IP H.264 Encoder, 16 Channel, 960H

