Product Data Sheet



TVE-810

TruVision® IP H.264 Encoder, 8 Channel, 960H

Overview

The TruVision TVE Series IP Video Encoders includes 1-, 4-, 8and 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 dualstreaming 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

- 8 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
- 8 channel audio input
- 8 alarm inputs
- 4 alarm output

TVE-810

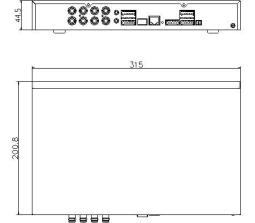
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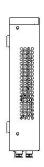
Specifications

Video compression:	H.264 / MPEG4 / MJPEG	
Analog video input:	8-ch, BNC connector (1.0 Vp-p, 75 O); PAL / NTSC adaptive	
Audio compression:	G.711	
Audio input:	8-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:	8	
Alarm out:	4	
Miscellanous		
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:	10 W (Max.)	
Current:	850 mA	
Operating temperature:	-10 to +55 C° (14 to 131 °F)	
Operating humidity:	10 to 90%	
Dimensions:	315 x 45 x 200 mm (12.4 x 1.8 x 7.9 in.)	
Weight:	1396 g (3.08 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-810	TruVision® IP H.264 Encoder, 8 Channel, 960H





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