

# TVE Series

4-, 8- and 16-Channel  
Analog to IP Encoders



## OVERVIEW

The TVE Series includes 4-, 8- and 16-channel encoders, allowing users to transform analog camera signals to a high-quality H.264 compressed IP signal. TVE series encoders are an ideal solution to gradually upgrade video surveillance systems and migrate from analog to IP. Rather than replacing entire systems, viable analog cameras can be integrated on new IP-based systems, simply by using the range of TruVision™ encoders.

TruVision encoders utilize H.264 compression with dual-streaming capability, making it easy to manage 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-, 8- and 16-channel encoders
- 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 Series

4-, 8- and 16-Channel  
Analog to IP Encoders

North America  
T 855-286-8889

Asia  
T 852-2907-8108

Australia  
T 61-3-9239-1200

Europe  
T 32-2-725-11-20

Latin America  
T 561-998-6114

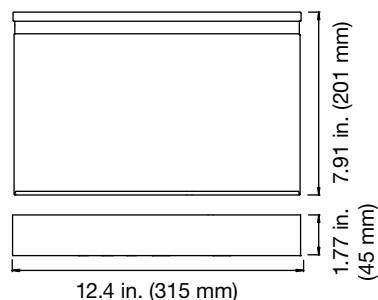
## Specifications

Model	TVE-400		TVE-800		TVE-1600	
Video/Audio Input	Video Compression	H.264				
	Analog Video Input (1.0 V p-p, 75 Ω); NTSC/PAL adaptive	4-channel, BNC connectors	8-channel, BNC connectors		16-channel, BNC connectors	
	Audio Compression	G.711				
	Audio Input	1-channel, RCA connector, (2 Vp-p, 1 Ω)				
	Bi-directional Audio Input	1-channel, RCA (2.0 V p-p, 1 kΩ) (Using AUDIO IN)				
Video/Audio Output	Audio Output	1-channel, RCA connector (Linear, 1 kΩ)				
	Main-stream Frame Rate	4CIF / 2CIF / CIF @ 30 fps (NTSC) / 25 fps (PAL)				
	Sub-stream Frame Rate	CIF@ 6 fps or QCIF @ 30 fps (NTSC) / 25 fps (PAL)				
	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 10M/100M adaptive Ethernet Interface				
	Serial Port	1 RS-485 interface, half-duplex				
	Alarm In	4				
	Alarm Out	1				
Miscellaneous	Protocol	Supports CGI, PSIA and ONVIF				
	Current (Max.)	1 Amp	1.5 Amps		2 Amps	
	Operating Temperature	-10 to +55C° (14 to 131 °F)				
	Operating Humidity	10 to 90%				
	Dimensions (W x H x D)	12.4 x 1.77 x 7.91 in. (315 x 45 x 201mm)				
	Weight	1.4 kg (3.08 lbs.)	1.5 kg (3.3 lbs.)		1.6 kg (3.53 lbs.)	

## Ordering Information

<b>TVE-400</b>	TruVision™ Encoder 4-channel analog to IP
<b>TVE-800</b>	TruVision Encoder 8-channel analog to IP
<b>TVE-1600</b>	TruVision Encoder 16-channel analog to IP

## Dimensional Diagram



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Specifications subject to change without notice.

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