

# TVE-DEC13

## TruVision Decoder for 16 Full HD streams, 2 outputs (HDMI, BNC), 12 VDC

### Overview

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The TruVision Video Decoder TVE-DEC13 is the ideal solution to decode IP video streams and show them on an analog or digital video output. Based on an advanced DSP and stable embedded system design, the TruVision video decoder provides high-resolution decoding functionality for live view from TruVision IP cameras, encoders, DVRs and NVRs.

### Strong performance

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The TVE-DEC13 can decode streams up to 32 MP. The unit can decode up to a maximum of 16 Full HD streams at the same time in H.264 or H.265 compression. These decoded streams can be shown on one of two monitor outputs using the pre-defined layouts. The decoder can also use the two monitor outputs at the same time and create a small video wall.

The Scene feature lets the user create pre-defined layouts of streams that can be activated by a single click of a button.

Besides decoding streams from TruVision devices, the decoder can also decode ONVIF and RSTP streams.

### Integration with TruVision Navigator software

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The TVE-DEC13 has been integrated in the TruVision Navigator software (as of version 9.5). This feature lets the user create scenes containing video streams from cameras that have been added in the TruVision software.

This means that static video layouts can be displayed via the decoder without using PC resources for decoding.

### Why TVE-DEC13?

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The TVE-DEC13 is a powerful device that can show video streams on up to two monitors without the use of a PC.

The integration in TruVision Navigator helps to lower the PC load for decoding video.

### Applications

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For showing video streams on confrontation monitors in retail.

In guarding rooms as a video wall (2 monitors) in combination with TruVision Navigator software.

At (remote) guard desks or offices for site monitoring.



### Details

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- Supports H.264/H.264+ and H.265/H.265+ compression
- Powerful decoding capability, up to 32 MP
- Can simultaneously decode up to a maximum of 16 video streams in Full HD
- Multiple video display outputs: You can decode different cameras on the HDMI and BNC output.
- Compatible with TruVision IP cameras, TruVision recorders and TruVision encoders (See manual for details)
- Supports decoding for ONVIF and RTSP streams
- Integrated in TruVision Navigator (version 9.5 and newer)

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## Especificaciones técnicas

### General

Tecnología	Decodificador (IP a analógico)
Video Decoding Channels	32 MP: 1 channel 24 MP: 1 channel 12 MP: 2 channels 8 MP (4K): 4 channels 6 MP: 5 channels 4 MP: 9 channels 2 MP and lower: 16 channels All resolutions at max. 25/30 fps

### Entradas de video / audio

Estándar de Video	NTSC, PAL
Compresión de video	H.264, H.264+, H.265, H.265+
Compresión de audio	AAC, G.711A, G.711U, G.722, G.726, MPEG2-L2
Entradas de audio bidireccional	2-ch, 3.5mm connector (2.0 Vp-p, 1 kΩ)

### Salidas de video / audio

Salidas de Video	BNC, HDMI
Visualización multipantalla	Full screen, 1x2, 2x2, 1+5, 1+7, 3x3, 3x4, 4x4
Salidas de audio	1-channel, RCA

### Interfaces

Interfaz de red	1, RJ45 10 M / 100 M / 1000 M Auto-Negotiate Ethernet Interface
Interfaz serie	RS-232, RS-485

### Eléctrico

Tipo de fuente de alimentación	VCC
Valor de la fuente de alimentación	12 VDC
Consumo de corriente	15 W
Consumo de corriente	1.25 A

### Físico

Dimensiones físicas	220 x 148 x 45 mm
Peso neto	1663 g
Factor de forma	Escritorio

### Medioambiental

Temperatura de funcionamiento	-10 to +55 C° 14 to 131 °F
Humedad relativa	10 to 90% noncondensing

### Regulador

Cumplimiento	CE, REACH, RoHS, WEEE
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### Video / audio inputs

Incoming bandwidth	70 Mbps
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### Video / audio outputs

HDMI	1 channel / 4K: 3840 x 2160 @30Hz 2560 x 1440 @30Hz 1920 x 1200 @60Hz 1080P: 1920 x 1080 @50/60Hz WSXGA:1680 x 1050 @60Hz UXGA:1600 x 1200 @60Hz 720P:1280 x 720 @50Hz/60Hz SXGA:1280 x 1024 @60Hz XGA:1024 x 768 @60Hz
BNC	1 channel / 704 x 576

### Supported products

Devices	See User Manual.
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