# TVE-DEC13

**Décodeur TruVision pour 16 flux Full HD, 2 sorties (HDMI, BNC), 12 VDC.**

## Overview

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

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

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?

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

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.




## Détails

- Prise en charge de la compression H.264/H.264+ et H.265/H.265+.
- Capacité de décodage puissante, jusqu'à 32 MP
- Peut décoder simultanément jusqu'à 16 flux vidéo en Full HD
- Sorties d'affichage vidéo multiples : Vous pouvez décoder différentes caméras sur les sorties HDMI et BNC.
- Compatible avec les caméras IP TruVision, les enregistreurs TruVision et les encodeurs TruVision (voir le manuel pour plus de détails)
- Prise en charge du décodage des flux ONVIF et RTSP
- Intégré dans TruVision Navigator (à partir de la version 9.5)

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## Spécifications techniques

### General

| | |
|---|---|
| Technology | Decoder (IP to Analog) |
| Video Decoding Channels | 32 MP: 1 channel<br>24 MP: 1 channel<br>12 MP: 2 channels<br>8 MP (4K): 4 channels<br>6 MP: 5 channels<br>4 MP: 9 channels<br>2 MP and lower: 16 channels<br>All resolutions at max. 25/30 fps |

### Video/audio inputs

| | |
|---|---|
| Video standard | NTSC, PAL |
| Video compression | H.264, H.264+, H.265, H.265+ |
| Audio compression | AAC, G.711a, G.711u, G.722, G.726, MPEG2-L2 |
| Bi-directional audio inputs | 2-ch, 3.5mm connector (2.0 Vp-p, 1 kΩ) |
| Incoming bandwidth | 70 Mbps |

### Video/audio outputs

| | |
|---|---|
| Video outputs | BNC, HDMI |
| Multiscreen display | Full screen, 1x2, 2x2, 1+5, 1+7, 3x3, 3x4, 4x4 |
| Audio outputs | 1-channel, RCA |
| HDMI | 1 channel / 4K: 3840 x 2160 @30Hz<br>2560 x 1440 @30Hz<br>1920 x 1200 @60Hz<br>1080P: 1920 x1080 @50/60Hz<br>WSXGA:1680 x 1050 @60Hz<br>UXGA:1600 x 1200 @60Hz<br>720P:1280 x 720 @50Hz/60Hz<br>SXGA:1280 x 1024 @60Hz<br>XGA:1024 x 768 @60Hz |
| BNC | 1 channel / 704 x 576 |

### Interfaces

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|---|---|
| Network interface | 1, RJ45 10 M / 100 M / 1000 M Auto-Negotiate Ethernet Interface |
| Serial interface | RS-232, RS-485 |

### Electrical

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|---|---|
| Power supply type | VDC |
| Power supply value | 12 VDC |
| Power consumption | 15 W |
| Current consumption | 1.25 A |

### Physical

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|---|---|
| Physical dimensions | 220 x 148 x 45 mm |
| Net weight | 1663 g |
| Form factor | Desktop |

### Environmental

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|---|---|
| Operating temperature | -10 to +55 C°<br>14 to 131 °F |
| Relative humidity | 10 to 90% noncondensing |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS, WEEE |

### Supported products

| | |
|---|---|
| Devices | See User Manual. |

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