TVE-DEC13

TruVision Decoder for 16 Full HD streams, 2 outputs (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 analogue 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.

STANDARD FEATURES

- 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)

Technical Specifications

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General	Technology	Decoder (IP to Analogue)
	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
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, 3.5 mm 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 @ 30 Hz 2560 x 1440 @ 30 Hz 1920 x 1200 @ 60 Hz 1080P: 1920 x1080 @ 50/60 Hz WSXGA:1680 x 1050 @ 60 Hz UXGA:1600 x 1200 @ 60 Hz 720P:1280 x 720 @ 50 Hz/60 Hz SXGA:1280 x 1024 @ 60 Hz XGA:1024 x 768 @ 60 Hz
	BNC	1 channel / 704 x 576
Interfaces	Network interface	1, RJ45 10 M / 100 M / 1000 M Auto-Negotiate Ethernet Interface
	Serial interface	RS-232, RS-485
Electrical	Power supply type	VDC
	Power supply value	12 VDC
	Power consumption	15 W
	Current consumption	1.25 A
Supported products	Devices	See User Manual

Physical	Physical dimensions	220 x 148 x 45 mm
	Net weight	1663 g
	Form factor	Desktop
Environmental	Operating temperature	-10 to +55 C°
	Relative humidity	10 to 90% noncondensing
Regulatory	Compliancy	CE, REACH, RoHS, WEEE

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