1T-VS-626

HDMI Video Scaler (✖)

Key Features 1T-VS-626

- Cross ✖ Conversion
- HDMI v1.1, HDCP 1.1 Compliant
- Max I/O Resolutions WUXGA & 1080p
- Accepts 480i or 576i SDTV input
- Automatically Detects Input Resolution
- 50/60Hz Frame Rate Conversion
- 3-D Motion Adaptive De-interlace
- 3:2 and 2:2 Pull-Down
- Video Level Adjustments
- Supports embedded & external audio in/out
- Up to 150ms Audio Delay
- Locking DC Power Adapter

1T-VS-626 HDMI Scaler can accept audio embedded in the incoming HDMI signal or from the separate Toslink or analog Stereo inputs. The HDMI output can be the same resolution or scaled to a different resolution. Output audio is simultaneously present embedded in the HMDI signal and separately as Toslink and analog Stereo. This provides maximum flexibility for systems integration. The unit is ideal for situations where the HDMI source resolution and/or frame rate is incompatible with the display device's resolution/frame rate. A comprehensive OSD menu and buttons allows selection of output resolution, adjustments of picture quality and audio source selection. It's also possible to add up to 150ms of audio delay to compensate for lip sync errors.

Advanced features, such as 3D Motion Adaptive De-Interlacing and 50/60 Frame Rate Conversion combine to provide extremely high quality signal conversion. The unit is HDMI Compliant. A small inline power adapter is provided with locking DC connector for security.

1T-EDID-11

EDID/CEC Selector

Key Features 1T-EDID-11

- Compliant with HDMI v1.3 and DVI 1.0 standards
- Serial data rates of up to 2.25Gbps.
- Supports 12 bit Deep Color
- Selectable DTV Resolutions of 720p, 1080i/p
- Selectable PC resolutions of XGA, SXGA, UXGA
- Embedded audio: True HD, DTS-HD, LPCM
- Built in CEC support with Compliant CEC PHY
- HDMI Range of up to 15 Meters (50 ft)
- Locking +5VDC Connectors for enhanced mechanical security

1T-EDID-11 EDID/CEC Selector allows easy set up of the EDID and CEC parameters between a source and display monitor. Instead of waiting for the source and display to synchronize, this HDMI switcher saves time by using preset EDID and CEC settings to speed up the process. It's also easy to change your settings should that become necessary due to the selection of a different source or destination device or because you have purchased new equipment. SD and HD video, RGB video and embedded audio parameters can all be selected via the front panel switches and button and system operation is displayed on an LED array. The product also features the unique TV One-task locking power connectors to enhance overall system mechanical security.

Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!
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VIDELCO Europe Limited

1T-VS-626 Specifications

Video Input/Output

HDMI 1.2	1x via HDMI Connector

Resolutions Supported

PC Input/Output	VGA through WUXGA
HDTV Input/Output	480p, 576p, 720p, 1080i, 1080p
SDTV Input	480i, 576i

Video Adjustments — Contrast, Brightness, RGB Levels, Sharpness, Saturation, Hue

Scaling Engine

De-Interlace	3D Motion Adaptive
Pull-Down	3:2 + 2:2 Recovery
HDCP Compliance	v1.1
Image Processing	Full Time/Full Range
Frame Rate Conversion	50/60Hz
Scan Conversion	Converts all Standard Formats

Audio Performance

Output Delay	Off/40ms/110ms/150ms
Analog Stereo Level In	2Vrms max @ 47KΩ
Analog Stereo Level Out	Unity @ 47KΩ
Toslink Level In/Out	Standard Toslink level
Analog Bandwidth	20Hz to 20 KHz

Audio Inputs/Outputs

Analog Stereo	1x via 3.5mm Connectors
Digital	1x SPDIF via Toslink Connectors

Mechanical

Size (H-W-D)	25x102x145mm (1x4x5.7")
Weight (Net)	324g (0.71 lbs)

Warranty

Limited Warranty	3 Years Parts and Labor

Environmental

Operating Temperature	0° to +50° C (+32° to +122° F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	10% to 90%, Non-condensing

Power Requirement

External Power Supply	5VDC@2A

Regulatory Approvals

Converter Unit	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x Power Adapter	US, UK or Euro
1x Operations Manual	

Product Item Number

1T-VS-626

1T-EDID-11 Specifications

Video Input

HDMI & DVI-D	1x via HDMI Connector, Type A

Video Outputs

HDMI	1x via HDMI Connector, Type A

Video Signal Proc.

Frequency Bandwidth	2.25Gbps

Standards Supported

HDMI, DVI	(DVI via Cable Adapter)

Video Supported

SD and HD Formats	480i/p, 576i/p, 720p, 1080i/p

RGB Supported

DVI Equivalents	VGA, SVGA, XGA, SXGA, UXGA

Audio Support

Dolby and LPCM	TrueHD, DTS-HD, LPCM 7.1& 2.0

Cable Distance

Max Distance	For 1080p, 15m (50ft)

Warranty

Limited Warranty	3 Years Parts and Labor

Environmental

Operating Temperature	0° to +40° C (+32° to +104° F)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	20% to 90%, Non-condensing

Regulatory Approvals

1T-EDID-11	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS

Mechanical (H-W-D)

1T-EDID-11	30x125x90mm (1.2x4.9x3.54")

Weight

1T-EDID-11	250g (0.55 lbs)

Power Requirement

External Power Supply	5 VDC@2A, Locking DC

Accessories Included

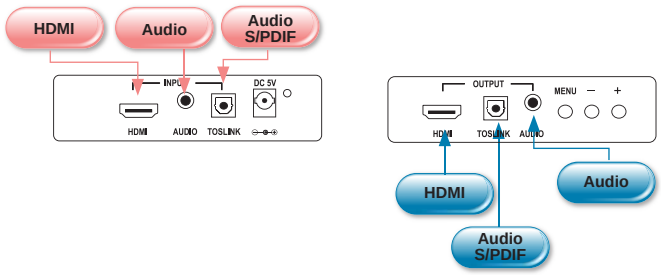
1x Power Adapter	US, UK or Euro
1x User Manual	

Model Numbers

1T-EDID-11	EDID/CEC Selector

Control Interface | Input | Output | Input/ Output

1T-VS-626



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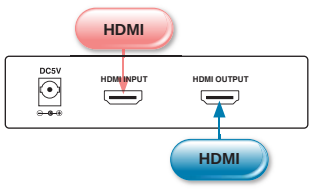

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