

1T-VS-624

RGB to HDMI Scaler

Key Features 1T-VS-624

- HDMI v1.2, HDCP 1.1, DVI 1.0 Compliant
- Input: VGA through WUXGA
- Output: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p
- Auto detects HDMI Display Resolution
- Video Level Adjustments
- Embedded & external audio in/out support
- Locking DC Power Adapter



1T-VS-624 RGB to HDMI Scaler will convert a wide variety of standard PC (RGB) signals between VGA and WUXGA to a standard HDMI output at PC, SD or HD resolutions. In addition, externally available audio can be embedded into the output HDMI signal via separate Toslink and Analog Stereo inputs. Output audio, embedded in the HDMI signal, is separately available as Toslink and Analog Stereo outputs providing maximum flexibility for systems integration.

The unit is HDCP compliant and DVI compatible and is ideal for situations where PC or other RGB video must be viewed on an HDMI display. The resolution of the attached display is automatically discovered by the unit. A comprehensive OSD menu allows manual selection of output resolution, adjustments of picture quality and audio input selection. A Locking DC power connector is used for security.

1T-VS-622

Video to HDMI Scaler

Key Features 1T-VS-622

- HDMI v1.2, HDCP 1.1, DVI 1.0 Compliant
- Input: Composite or S-Video, 480i or 576i
- 3-D De-interlacing, 3:2/2:2 Pull Down Detection
- Output: HD to 1080p, PC to WUXGA
- Auto detects HDMI Display Resolution
- Video Level Adjustments
- Embedded & external audio in/out support
- Locking DC Power Adapter



1T-VS-622 Video to HDMI Scaler will convert either Composite or S-Video Standard Definition analog signals to an HDMI output at PC, SD or HD resolutions.

These units are HDCP compliant and DVI compatible and are ideal for situations where standard definition analog signals must be viewed on an HDMI display. The resolution of the attached displays are automatically discovered by the units. A comprehensive OSD menu allows manual selection of output resolution, adjustments of picture quality and audio input selection. Locking DC power connectors are used for security.

In addition, externally available audio can be embedded into the output HDMI signal via separate Toslink and Analog Stereo inputs. Output audio, embedded in the HDMI signal, is separately available as Toslink and Analog Stereo outputs providing maximum flexibility for systems integration.

Video Scalers

Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!
Tel.: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu

1T-VS-624 Specifications

Video Input/Output

PC RGB Video Input 1x Via HD-15 Connector
HDMI Output 1x Via Type A Connector

Input Resolutions

PC (RGB) VGA 640x480 @ 60, 72, 75, 85Hz
SVGA 800x600 @ 56, 60, 72, 75, 85Hz
XGA 1024x768 @ 60, 70, 75, 85Hz
SXGA 1280x1024 @ 60, 75, 85Hz
UXGA 1600x1200 @ 60Hz
WXGA 1280x800 @ 60Hz
WSXGA 1680x1050 @ 60Hz
WUXGA 1920x1200 @ 60Hz

Output Resolutions

HDMI PC VGA 640x480 @ 60Hz
SVGA 800x600 @ 60Hz
XGA 1024x768 @ 60Hz
SXGA 1280x1024 @ 60Hz
UXGA 1600x1200 @ 60Hz
WXGA 1280x800 @ 60Hz
WSXGA 1680x1050 @ 60Hz
WUXGA 1920x1200 @ 60Hz
HDMI HDTV 480p 852x480 @ 60Hz
576p 852x576 @ 50Hz
720p 1280x720 @ 50, 60Hz
1080i 1920x1080 (i) @ 50, 60Hz
1080p 1920x1080 (p) @ 50, 60Hz
HDMI SDTV 480i 852x480 @ 60Hz
576i 852x576 @ 50Hz
Video Adjustments Contrast, Brightness, Hue, Sharpness, Saturation, R-G-B Levels, Aspect Ratio

Video Performance

Standards Compliance HDMI v1.2, HDCP 1.1, DVI 1.0

Audio Inputs/Outputs

Analog Stereo Input 1x via 3.5mm Mini-Stereo
Analog Stereo Output 1x via 3.5mm Mini-Stereo
Digital Input 1x SPDIF via Toslink Connector
Digital Output 1x SPDIF via Toslink Connector

Stereo Audio Performance

Analog Input Level 2Vrms max @ 47KΩ
Analog Output Level Unity @ 47KΩ
Toslink In/Output Level Standard Toslink level

Mechanical

Size (H-W-D) 25x102x145mm (1x4x5.7")
Weight (Net) 340g (12oz)

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

Model Number

1T-VS-624 RGB to HDMI Scaler

1T-VS-622 Specifications

Video Input

Composite 1x via RCA Connector
S-Video 1x via 4-Pin Mini-DIN
TV Standards NTSC (480i), PAL (576i)

Video Output

HDMI Output 1x Via Type A Connector

Output Resolutions

HDMI PC VGA 640x480 @ 60Hz
Resolutions SVGA 800x600 @ 60Hz
XGA 1024x768 @ 60Hz
SXGA 1280x1024 @ 60Hz
UXGA 1600x1200 @ 60Hz
WXGA 1280x800 @ 60Hz
WSXGA 1680x1050 @ 60Hz
WUXGA 1920x1200 @ 60Hz
HDMI HDTV 480p 852x480 @ 60Hz
Resolutions 576p 852x576 @ 50Hz
720p 1280x720 @ 50, 60Hz
1080i 1920x1080 (i) @ 50, 60Hz
1080p 1920x1080 (p) @ 50, 60Hz
HDMI SDTV 480i 852x480 @ 60Hz
Resolutions 576i 852x576 @ 50Hz

Video Performance

Standards Compliance HDMI v1.2, HDCP 1.1, DVI 1.0
Video Processing 3-D Motion Adaptive, 3-D de-interlacing, 3:2:2 Pull Down Detection/Recovery
Video Adjustments Contrast, Brightness, Hue, Sharpness, Saturation, R-G-B Levels, Picture Size

Audio Inputs/Outputs

Analog Stereo Input 2x via RCA Connector
Analog Stereo Output 1x via 3.5mm Mini-Stereo
Digital Input 1x SPDIF via Toslink Connector (Toslink Audio limited to 2.0 LPCM)
Digital Output 1x SPDIF via Toslink Connector

Stereo Audio Performance

Analog Input Level 2Vrms max @ 47KΩ
Analog Output Level Unity @ 47KΩ
Toslink In/Output Level Standard Toslink level
Stereo Bandwidth 20Hz to 20 KHz

Mechanical

Size (H-W-D) 25x102x145mm (1x4x5.7")
Weight (Net) 405g (14.2oz)

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@2.6A

Regulatory Approvals

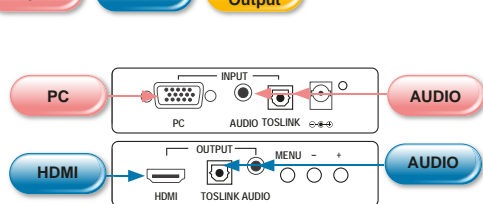
Converter Unit FCC, CE, RoHS
Power Supply UL, CUL, CE, PSE, GS, RoHS

Accessories Included

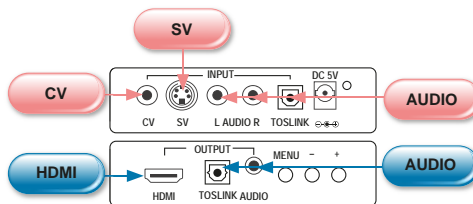
1x AC Power Adapter US, UK or Euro
1x Operations Manual

Model Number

1T-VS-622 Video to HDMI Scaler



1T-VS-624



1T-VS-622

Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!

Tel.: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu