

Model 1T-VS-624





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 complaint 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.

Specifications

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	Video Input/O PC RGB Video HDMI Output	o Input	1x Via HD-15 Connector 1x Via Type A Connector
	Video Performance Standards Compliance Input Resolutions		HDMI v1.2, HDCP 1.1, DVI 1.0
	PC (RGB) Resolutions	VGA SVGA XGA SXGA UXGA WXGA WSXGA WUXGA	640x480 @ 60, 72, 75, 85Hz 800x600 @ 56, 60, 72, 75, 85Hz 1024x768 @ 60, 70, 75, 85Hz 1280x1024 @ 60, 75, 85Hz 1600x1200 @ 60Hz 1280x800 @ 60Hz 1680x1050 @ 60Hz 1920x1200 @ 60Hz
Output Resolutions			
	HDMI PC Resolutions	VGA SVGA XGA SXGA UXGA WXGA WSXGA WUXGA	640x480 @ 60Hz 800x600 @ 60Hz 1024x768 @ 60Hz 1280x1024 @ 60Hz 1600x1200 @ 60Hz 1280x800 @ 60Hz 1680x1050 @ 60Hz 1920x1200 @ 60Hz
	HDMI HDTV Resolutions	480p, 576p 720p 1080i 1080p	852x480 @ 60Hz 852x576 @ 50Hz 1280x720 @ 50, 60Hz 1920x1080 (i) @ 50, 60Hz 1920x1080 (p) @ 50, 60Hz
	HDMI SDTV Resolutions	480i 576i	852x480 @ 60Hz 852x576 @ 50Hz
	Video Adjustments		Contrast, Brightness, Hue, Sharpness, Saturation, R-G-B Levels, Aspect Ratio
	Analog Stereo Input Analog Stereo Output Digital Input Digital Output		1x via 3.5mm Mini-Stereo 1x via 3.5mm Mini-Stereo 1x SPDIF via Toslink Connector 1x SPDIF via Toslink Connector

State State

Key Features of the 1T-VS-624

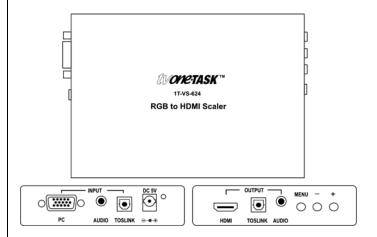
- HDMI v1.2, HDCP 1.1, DVI 1.0 Compliant
- Input: VGA through WUXGA
- Output: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p
- Automatically Detects HDMI Display Resolution
- Video Level Adjustments
- Supports embedded and external audio in and out
- Locking DC Power Adapter

Mechanical				
25x102x145mm (1x4x5.7")				
340g (12oz)				
3 Years Parts and Labor				
0° to +50°C (+32° to +122°F)				
10% to 90%, Non-condensing				
-10° to +60° C (+14° to +140° F)				
10% to 90%, Non-condensing				
5VDC@2A				
FCC, CE, RoHS				
UL, CUL, CE, PSE, GS, RoHS				
US, UK or Euro				

1T-VS-624

Panel Drawings

Product Item Number



Analog Input Level 2Vrms max @ $47K\Omega$ Analog Output Level Unity @ $47K\Omega$ Toslink In/Output Level Standard Toslink level