

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 HDMI 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.



Key Features of the 1T-VS-626

- HDMI v1.1, HDCP 1.1 Compliant
- Maximum I/O Resolutions WUXGA and 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 and external audio in and out
- Up to 150ms Audio Delay
- Locking DC Power Adapter

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 Inputs/Outputs	
Analog Stereo	1x via 3.5mm Connectors
Digital	1x SPDIF via Toslink Connectors
Audio Performance	
Output Delay	Off/40ms/110ms/150ms
Analog Stereo Level In	2Vrms max @ 47KΩ
Analog Stereo Level Out	Unity @ 47KΩ

Audio Performance (Continued)	
Toslink Level In/Out	Standard Toslink level
Analog Bandwidth	20Hz to 20 KHz
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 – Locking DC
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	
Product Item Number	1T-VS-626

Panel Drawings

