

1T-AVPC-HDMI Video Scaler converts DVI and Analog inputs to the HDMI format, providing output resolutions up to 1080p and WUXGA. Analog RGB inputs up to WUXGA are accepted along with YPbPr up to 1080p. It also accepts a 480i or 576i YUV input. The digital inputs can be HDMI or DVI-D signals up to 165 MHz with RGB up to UXGA. An integrated DVI/HDMI HDCP compliant receiver is central to the processor along with 3-D motion adaptive de-interlacers. The 3:2 pull-down, 2:2 pull-down detection/recovery and 3-D noise reduction complete the superior video signal processing capability. Audio processing is accomplished by embedding either Analog Stereo Audio (R&L), PC Stereo Audio (R&L) or an auxiliary Analog Stereo Audio (R&L) input into the HDMI output.

The 1T-AVPC-HDMI may be operated from the front panel buttons or via the supplied Infrared Remote Control. An Auto Adjust button allows for the automatic size and position of the image. A 5VDC Power Adapter with locking DC connector is provided.



Key Features of 1T-AVPC-HDMI

- Up and Cross Conversion
- Digital HDMI Outputs to 1080p and WUXGA
- Digital and Analog Inputs up to 1080p and WUXGA
- RGBHV, YPbPr and YUV Inputs Supported
- Integration of Analog Audio into HDMI Output
- 3-D Motion Adaptive De-Interlace, Noise Reduction
- 3:2 Pull-Down with 2:2 Pull-Down Recovery
- Auto Adjust for automatic image size and position
- Front Panel or Infrared Remote Control

Specifications

Video Inputs

HDMI (DVI Compliant)	1x via HDMI Connector
Analog RGBHV	1x via HD-15 Connector
Analog Component	1x via 3x RCA Connectors

Audio Inputs

Analog Stereo (R/L))	1x via 2x RCA Connectors
Analog Stereo (R/L)	1x via 3.5mm Connector
Analog Stereo (R/L) Aux	1x via 3.5mm Connector

Video/Audio Output

HDMI (DVI Compliant)	1x via HDMI Connector
----------------------	-----------------------

Input Formats Supported

Analog or Digital RGB	Up to WUXGA@60Hz
Analog or Digital Component	YPbPr to 1080p
Analog Interlaced Component	YUV at 480i, 576i

Output Formats Supported

HDMI (RGBHV) Version 1.1	Up to WUXGA, 1080p
--------------------------	--------------------

HDCP Support

HDMI I/O	Fully Compliant
----------	-----------------

Scaling Engine

De-Interlacers	3D Motion Adaptive
Noise Reduction	3D
Pull-Down	3:2 + 2:2 Recovery

Warranty

Limited Warranty	3 Years Parts and Labor
------------------	-------------------------

Mechanical

Size (H-W-D)	25.5x180x125mm (1"x7.0"x4.9")
Weight (Net)	450 g (1 lb)

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	
1x IR Remote Control	

Product Item Number	1T-AVPC-HDMI
----------------------------	--------------

Panel Drawings

