

1T-V1280DVI Video Scaler is an ultra compact video to DVI-D PC/HD up-converter that features inputs for Composite Video, YC and Component 480i/576i YUV Video. The output resolution and refresh rate can be selected from a wide variety of presets. The output format is RGBHV. The integral processor provides control over many signal parameters, such as Contrast, Brightness, Color and Hue (NTSC).

The unit is 5VDC powered and the Power Adapters are included. Locking DC Connectors are provided for security.



Key Features of the 1T-V1280DVI

- Analog Video to DVI-D Up Conversion
- Inputs: CV, YC (S-Video), YUV
- PC up to 1280x1024 and HD up to 1080i
- Locking DC Power Connector for security

Specifications

Output Resolutions		
VESA	Resolution	Format / Refresh Rates
VGA	640x480	RGBHV 50, 60, 72, 75, 85Hz
SVGA	800x600	RGBHV 50, 60, 72, 75, 85Hz
XGA	1024x768	RGBHV 50, 60, 70, 75, 85Hz
WXGA	1280x768	RGBHV 50, 60Hz
SXGA	1280x1024	RGBHV 50, 60Hz
480p	852x480	RGBHV 50, 60Hz
576p	852x576	RGBHV 50, 60Hz
720p	1280x720	RGBHV 50, 60Hz
1080i	1920x1080 (i)	RGBHV 50, 60Hz (Note 1)

Inputs	
Composite Video	1x via RC Connector
YC (S-Video)	1x via 4-Pin Mini-DIN Connector
480i/576i Component Television Standards	1x via 8-Pin Mini-DIN to 3x RCA PAL, NTSC

Output	
DVI-D	1x via DVI-I Connector

Picture Controls	
Input Signal	Brightness, Contrast, Hue, Color

Warranty	
Limited Warranty	1 Year Parts and Labor

Mechanical

Size (H-W-D) 30x146x76mm (1.2"x5.75"x3")
 Weight (Net) 280 g (0.62 lbs)

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

Amplifier Units FCC, CE, RoHS
 Power Supplies UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x Operations Manual
 1x Component In Cable
 1x Power Adapter

Product Item Number

1T-V1280DVI

Notes

(1) The 1080i output is actually a doubled 540p signal, which is recognized as a 1080i by most HDTV Displays.

Panel Drawings

