

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	1x via 8-Pin Mini-DIN to 3x RCA
Television Standards	PAL, NTSC

Output

DVI-D	1x via DVI-I Connector
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Picture Controls

Input Signal	Brightness, Contrast, Hue, Color
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Warranty

Limited Warranty	2 Years Parts and Labor
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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
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Regulatory Approvals

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

Accessories Included

1x Operations Manual	
1x Component In Cable	1m (3') 8-Pin Mini-DIN to 3 RCA F
1x Power Adapter	US, UK or Euro

Product Item Number

	1T-V1280DVI
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Notes

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

Panel Drawings

