



Video Scalers (Up Converters)

Models 1T-V1280HD, 1T-V1280DVI

tvoneTASK

tvoneTASK Series Video Scalers are ultra compact, high performance up-converters designed to meet the most demanding requirements for signal conversion. The input can either be Composite, S-Video or YCbCr Component. The output resolution and refresh rate can be selected from a wide variety of presets. Model 1T-V1280HD provides an Analog output, while model 1T-V1280DVI provides a DVI-D output. The integral processor provides control over many signal parameters, such as Contrast, Brightness, Color and Hue (NTSC). Both models are 5VDC powered with locking DC Connectors.

Specifications

Output Resolutions (Note 1)

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 2)

Inputs

Composite Video	Via RCA
S-Video	Via 4-Pin Mini-DIN
YCbCr Component	Via 8-Pin Mini-DIN & Breakout
Television Standards	PAL, NTSC

Output Format

1T-V1280HD	Analog RGBHV or YPbPr via an HD-15 Connector
1T-V-1280DVI	DVI-D RGBHV via a DVI-I Connector

Picture Controls

Input Signal	Brightness, Contrast, Hue, Color
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Warranty

Limited Warranty	2 Years Parts and Labor
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1T-V1280DVI



1T-V1280HD

Key Features of the Analog & DVI Scalers

- Analog or DVI Output Versions
- Inputs: Composite, S-Video, YCbCr
- PC up to 1280x1024 and all HDTV Resolutions
- Ultra Compact Rugged Metal Case

Mechanical – 1T-V1280DVI

1T-V1280DVI Size (H-W-D)	1.2"x5.75"x3" (30x146x76mm)
1T-V1280HD Size (H-W-D)	1.2"x5.25"x3" (30x133x76mm)
Weight (Net)	10 oz (285g)

Environmental

Operating Temperature	0° to +48° C (+32° to +120° F)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	-10° to +70° C (+14° to +158° F)
Storage Humidity	10% to 85%, Non-condensing

Power Requirement

External Power Supply	5VDC@2A - Locking DC
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Regulatory Approvals

Amplifier Units	FCC, CE
Power Supplies	UL, CE, CSA

Accessories Included

1x Manual	1T-V1280 Series
1x Component In Cable	3' (1m) 8-Pin Mini-DIN to 3 RCA F
1x DVI Out Cable	6' (2m) M/M (1T-V1280DVI Only)
1x VGA Out Cable	6' (2m) HD15M (1T-V1280HD Only)
1x AC Power Adapter	US, UK or Euro or Type

Notes

- (1) 1T-1280HD also has YPbPr output for all HDTV Resolutions.
- (2) The 1080i output is actually a doubled 540p signal, which is recognized as a 1080i by most HDTV Displays.

Panel Drawings

