

1T-V1280HD Video Scaler is an ultra compact video to analog PC/HD up-converter that features inputs for Composite Video, YC (S-Video) and Component 480i or 576i YUV Video. The output resolution and refresh rate can be selected from a wide variety of presets up to 1600x1200 and 1080p. PC and HD resolutions are available in analog RGBHV and HD resolutions are also available in analog YPbPr format. 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-V1280HD

- Analog Video to PC/HD Up Conversion
- Inputs: CV, YC (S-Video), YUV
- Outputs: PC up to 1600x1200 and HD up to 1080p
- 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
UXGA	1600x1200	RGBHV 60Hz
480p	852x480	YPbPr, RGBHV 50, 60Hz
576p	852x576	YPvPr, RGBHV 50, 60Hz
720p	1280x720	YPbPr, RGBHV 50, 60Hz
1080i	1920x1080(i)	YPbPr, RGBHV 50, 60Hz (Note 1)
1080p	1920x1080(p)	YPbPr, RGBHV 50, 60Hz
Inputs		
Composite Video		1x via RCA 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		
RGBHV, YPbPr		1x via HD-15 Connector
Picture Controls		
Input Signal		Brightness, Contrast, Hue, Color

Mechanical	
Size (H-W-D)	30x133x76mm (1.2"x5.25"x3")
Weight (Net)	280 g (0.62 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	
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-V1280HD
Notes	
(1) The 1080i output is actually a doubled 540p signal, which is recognized as a 1080i by most HDTV Displays.	

Panel Drawings

