

# 1T-V1280DVI

## DVI Video Scaler (▲)



### Key Features 1T-V1280DVI

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

**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.

# 1T-DVI-VGA, 1T-VGA-DVI

## PC/DVI Video Scalers (x)



### Key Features 1T-DVI-VGA/VGA-DVI

- Cross x Conversion
- Convert DVI to VGA or VGA to DVI
- Simultaneous Scaling to Different Resolutions
- Resolutions up to 1280x1024 and 1080i

**1T-DVI-VGA** and **1T-VGA-DVI Video Scalers** convert between Analog and DVI formats. Model 1T-VGA-DVI converts Analog to DVI, while the 1T-DVI-VGA converts DVI to Analog. A wide variety of PC and HD input and output resolutions are supported. The input resolution is automatically detected and can either be RGBHV or YPbPr format. Both models also accept a 480i YUV signal (from a DVD Player for example) and convert it to PC or HD. The output resolution and refresh rate are selectable. An integral processor adjusts signal levels. A Power Adapter with locking DC is included.

## Video Scalers

Distributor / Vertrieb:

**VIDELCO** – Professionelle Audio- Video- Medien-Technik!  
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## 1T-V1280DVI 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	YPbPr, RGBHV 50, 60Hz
576p	852x576	YPbPr, RGBHV 50, 60Hz
720p	1280x720	YPbPr, RGBHV 50, 60Hz
1080i	1920x1080(i)	YPbPr, RGBHV 50, 60Hz (Note 1)

### Inputs

Composite Video	1x via RCA 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	3 Years Parts and Labor
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### Mechanical

Size (H-W-D) (1T-V1280DVI)	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	8-Pin Mini-DIN to 3 RCA F
1x SCART In Cable (1T-V1280HD)	8-Pin Mini-DIN to SCART (Note 2)
1x Power Adapter	US, UK or Euro

### Product Item Numbers

1T-V1280DVI

### Notes

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

## 1T-DVI-VGA, 1T-VGA-DVI Specifications

### Input Resolutions (Note 1)

VESA	Resolution	Refresh Rate	Format
VGA	640x480	60, 72, 75, 85Hz	RGBHV
SVGA	800x600	60, 72, 75, 85Hz	RGBHV
XGA	1024x768	60, 70, 75, 85Hz	RGBHV
Mac	1152x864	70, 75Hz	RGBHV
WXGA	1280x768	60Hz	RGBHV
SXGA	1280x1024	60Hz	RGBHV
480i	852x480i	60Hz	YCbCr
480p	852x480	60Hz	YPbPr
576p	852x576	50Hz	YPbPr
720p	1280x720	50, 60Hz	YPbPr
1080i	1920x1080i	50, 60Hz	YPbPr

### Output Resolutions

VESA	Resolution	Refresh Rate	Format
VGA	640x480	60, 72, 75, 85Hz	RGBHV
VGA70	720x400	70Hz	RGBHV
VESA85	640x400	85Hz	RGBHV
SVGA	800x600	60, 72, 75, 85Hz	RGBHV
XGA	1024x768	60, 70, 75, 85Hz	RGBHV
Mac	1152x864	70, 75Hz	RGBHV
1280A	1280x960	60Hz	RGBHV
WXGA	1280x768	60Hz	RGBHV
SXGA	1280x1024	60, 75Hz	RGBHV
480p	852x480	60Hz	RGBHV (Note 2)
576p	852x576	50Hz	RGBHV (Note 2)
720p	1280x720	50, 60Hz	RGBHV (Note 2)
1080i	1920x1080i	50, 60Hz	RGBHV (Note 2)

### Connectors

1T-VGA-DVI	In: HD-15F Out: DVI-I
1T-DVI-VGA	In: DVI-I Out: HD-15F

### Picture Controls

Input Signal	Clock Frequency, Phase
Output Signal	Brightness, Contrast, RGB Levels, Color, Horiz & Vert Position

### Mechanical

1T-DVI-VGA (H-W-D)	30x133x76mm (1.2"x5.25"x3")
1T-VGA-DVI (H-W-D)	30x146x76mm (1.2"x5.75"x3")
1T-DVI-VGA Wt (Net)	280 g (0.62 lbs)
1T-VGA-DVI Wt (Net)	310 g (0.68 lbs)

### Warranty

Limited Warranty	3 Years Parts and Labor
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### 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 122° 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

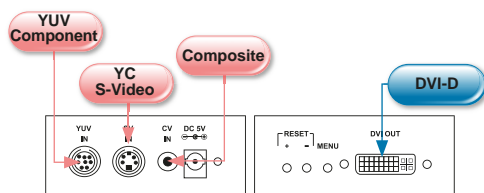
1x Power Adapter	US, UK or Euro
1x Operations Manual	

### Notes

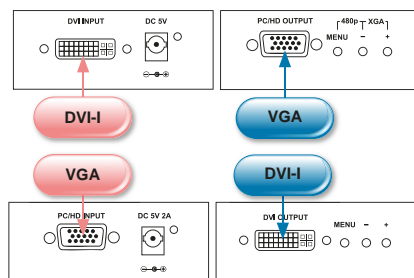
(1) Additional inputs supported: VGA75, VESA85, 1280A, 576i.  
 (2) 1T-DVI-VGA also has YPbPr output for all HDTV Resolutions.



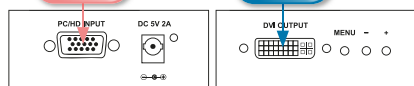
1T-V1280DVI



1T-DVI-VGA



1T-VGA-DVI



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