

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

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|------------------|------------------------|
| Limited Warranty | 1 Year Parts and Labor |
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Mechanical

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|--------------|-----------------------------|
| 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

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|-----------------------|----------------------|
| 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

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|---------------------|-------------|
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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

