

**tvonetask Series** DVI-VGA Converter/Scalers are ultra compact, high performance products. Model 1T-VGA-DVI converts Analog to DVI, while the 1T-DVI-VGA converts DVI to Analog. A wide variety of PC and HDTV I/O resolutions are supported. The input resolution is automatically detected and can either be RGBHV or YPbPr format. Both models also accept a 480i YCbCr signal, from a DVD Player for example, and convert it to PC or HDTV resolutions. The output resolution and refresh rate is selected via push buttons and OSD Menu. An integral processor adjusts signal parameters.

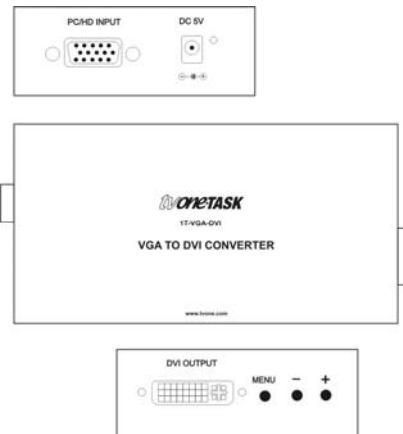
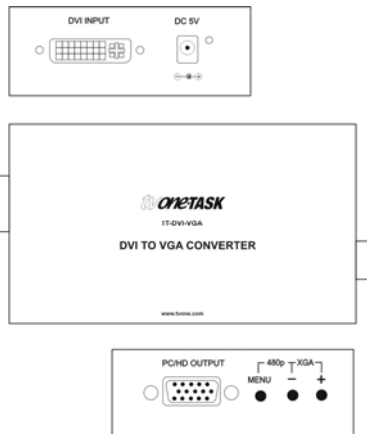
## Specifications

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)

## Panel Drawings



1T-DVI-VGA



1T-VGA-DVI

### Key Features of the DVI-VGA Converter/Scalers

- Versions to Convert DVI to VGA or VGA to DVI
- Simultaneous Scaling to Different Resolutions
- PC Resolutions up to 1280x1024 and HDTV

### 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

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

### Warranty

Limited Warranty	2 Years Parts and Labor
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### 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 VGA Cable	6' (2m) HD-15M/M (1T-VGA-DVI only)
1x DVI Cable	6' (2m) DVI-I M/M (1T-DVI-VGA only)
1x AC Power Adapter	US, UK or Euro or Type
1x Operations Manual	

### Notes

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