

**tvoneTASK Series** PC/HDTV Converter is an ultra compact, high performance signal conversion product. The input resolution is automatically detected and can either be RGBHV, YPbPr or YCbCr format. In addition to PC to PC and PC to HDTV conversions, the unit can take a 480i Component Video 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. The integral processor provides control over many signal parameters, such as: Contrast, Brightness, Color Saturation, R-G-B Levels and H-V Positioning. A 12VDC In-Plug Power Adapter is included.



**1T-PC1280HD**

### Key Features of the PC/HDTV Scalers

- Ultra Compact, High Performance Unit
- Convert PC-to-PC or PC-to-HDTV
- Convert HDTV-to-HDTV or HDTV-to-PC
- Convert YCbCr to PC/HDTV
- PC Resolutions up to 1280x1024
- Locking DC Power Connector for Security

### Specifications

#### 1T-PC1280HD Input/Output Resolutions

VESA	Resolution	Refresh Rate
VGA	640x480	60, 72, 75, 85Hz
VGA70	720x400	70Hz
VESA85	640x400	85Hz
SVGA	800x600	60, 72, 75, 85Hz
XGA	1024x768	60, 70, 75, 85Hz
Mac	1152x864	70, 75Hz
WXGA	1280x768	60Hz
1280A	1280x960	60Hz
SXGA	1280x1024	60, 75Hz
480i		
576i		
1080i	(See Note 1)	
480p		
576p		
720p		
<b>I/O Format</b>		RGBHV, YPbPr, YCbCr (In Only)
<b>Connectors</b>		
Input/Output Signal		HD-15 Female
Note 1	The 1080i signal is actually a doubled 540p signal which is recognized as a 1080i signal by most HDTV displays.	

#### Picture Controls

Input Signal  
Output Signal

Clock Frequency, Phase  
Brightness, Contrast, Color,  
R-G-B Levels, H&V Position

#### Mechanical

Size (H-W-D) 1.2"x5.25"x3" (30x133x76mm)  
Weight (Net) 10 oz (285g)

#### Warranty

Limited Warranty 2 Years Parts and Labor

#### 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 12VDC@800mA – Locking DC

#### Regulatory Approvals

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

#### Accessories Included

1x VGA Cable 6' (2m) HD-15M to HD-15M  
1x Component In Cable 6' (2m) HD-15M to 3 RCA (HD only)  
1x AC Power Adapter US, UK or Euro or Type  
1x Operations Manual

### Panel Drawings

