



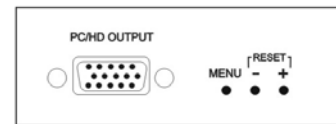
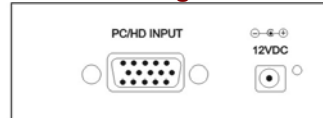
PC/HDTV to PC/HDTV Converters

Models 1T-PC1280HD, 1T-PC1280PC

tvoneTASK Series PC/HDTV Converters are ultra compact, high performance products designed to meet the most demanding requirements for signal conversion. 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. Model 1T-PC1280HD provides conversion to and from a wide variety of PC and HDTV signals, while model 1T-PC1280PC provides conversion to and from PC signals only. The integral processor provides control over many signal parameters, such as: Contrast, Brightness, Color Saturation, R-G-B Levels and H-V Positioning. Both models are 12VDC powered and a small In-Plug Power Adapter is included. For best performance, use high-grade output cables such as our professional Z-Plus type.



Panel Drawings



Key Features of the PC/HDTV Converters

- Ultra Compact, High Performance Units
- Convert PC-to-PC or PC-to-HDTV
- Convert HDTV-to-HDTV or HDTV-to-PC
- Convert 480i YCbCr to PC or HDTV
- PC Resolutions up to 1280x1024
- Most HDTV Resolutions
- Locking DC Power Connector for Security

Specifications

1T-PC1280PC 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

1T-PC1280HD Input Resolutions

PC Resolutions, plus: Interlace: 480i, 576i, 1080i
Progressive: 480p, 576p, 720p

1T-PC1280HD Output Resolutions

PC Resolutions, plus: 480p, 576p, 720p

1T-PC1280PC Format

Input Format In: RGBHV
Output Format Out: RGBHV

1T-PC1280HD Format

Input Format RGBHV, YPbPr, YCbCr
Output Format RGBHV, YPbPr

Connectors

Input Signal HD-15 Female
Output Signal HD-15 Female

Picture Controls

Input Signal Clock Frequency, Phase
Output Signal Brightness, Contrast, Color, Red-Green-Blue Levels, Horizontal & Vertical Position

Mechanical

Size (H-W-D) 1"x7"x4" (25x175x100mm)
Weight (Net) 1.5 lbs (680g)

Warranty

Limited Warranty 2 Years Parts and Labor

Environmental

Operating Temperature +32° to +120° F (0° to +48° C)
Operating Humidity 10% to 85%, Non-condensing
Storage Temperature -40° to +150° F (-40° to +65° C)
Storage Humidity 10% to 85%, Non-condensing

Power Requirement

External Power Supply 12VDC @ 800mA Maximum

Regulatory Approvals

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

Accessories Included

1x VGA Cable 6' HD-15M to HD-15M
1x Component Cable 6' HD-15M to 3 RCA
1x AC Power Adapter 115VAC to 12VDC @ 800mA
Optionally available 220VAC to 12VDC @ 800mA