

1T-VS-434 PC/HD Cross Converter is a Cross Format Scaler for PC and HD formats and resolutions. The input resolution is automatically detected and can either be RGBHV or YPbPr format. Output Resolutions up to 1920x1200 and 1080p are accommodated. In addition to converting between PC and HD, the unit can take a 480i Component Video signal (from a DVD Player for example) and convert it to PC or HD resolutions. The output resolution and refresh rate is selected via push buttons on an On Screen Display. The integral processor provides control over many signal parameters, such as: Contrast, Brightness, Color Saturation, Sharpness, R-G-B Levels and Aspect Ratio.

The unit is 5VDC powered and the included Power Adapter features a locking DC Connector for security.



Key Features of the 1T-VS-434 Cross Converter

- Ultra Compact, High Performance Unit
- Cross Convert between PC and HD resolutions
- PC Output Resolutions up to 1920x1200
- HD Output Resolutions up to 1080p
- Locking DC Power Connector for Security

Specifications

Input Resolutions		
VESA	Resolution	Refresh Rate
VGA	640x480	RGBHV 60, 72, 75, 85Hz
SVGA	800x600	RGBHV 56, 60, 72, 75, 85Hz
XGA	1024x768	RGBHV 60, 70, 75, 85Hz
WXGA	1280x768	RGBHV 60Hz
SXGA	1280x1024	RGBHV 60, 75, 85Hz
WSXGA	1680x1050	RGBHV 60Hz
UXGA	1600x1200	RGBHV 60Hz
WUXGA	1920x1200	RGBHV 60Hz
480i	720x480 NTSC	YPbPr 60Hz
576i	720x576 PAL	YPbPr 50Hz
1080i	1920x1080	YPbPr 50, 60Hz
480p	720x480	RGBHV, YPbPr 60Hz
576p	720x576	RGBHV, YPbPr 50Hz
720p	1280x720	RGBHV, YPbPr 50, 60Hz
1080p	1920x1080	RGBHV, YPbPr 50, 60Hz
Output Resolutions		
VESA	Resolution	Refresh Rate
VGA	640x480	RGBHV 60Hz
SVGA	800x600	RGBHV 60Hz
XGA	1024x768	RGBHV 60Hz
WXGA	1280x768	RGBHV 60Hz
SXGA	1280x1024	RGBHV 60Hz
WSXGA	1680x1050	RGBHV 60Hz
UXGA	1600x1200	RGBHV 60Hz
WUXGA	1920x1200	RGBHV 60Hz
480i	720x480 NTSC	YPbPr 60Hz
576i	720x576 PAL	YPbPr 50Hz
1080i	1920x1080	YPbPr 50, 60Hz
480p	720x480	YPbPr 60Hz
576p	720x576	YPbPr 50Hz
720p	1280x720	YPbPr 50, 60Hz
1080p	1920x1080	YPbPr 50, 60Hz

Input & Bypass	
RGBHV, YPbPr	2x via HD-15 Connector
Output	
RGBHV, YPbPr	1x via HD-15 Connector
Picture Controls	
Output Signal	Brightness, Contrast, Color, Saturation, Sharpness, R-G-B Levels, Aspect Ratio
Mechanical	
Size (H-W-D)	25x102x157mm (.98"x4.16"x6.18")
Weight (Net)	332g (0.73lbs)
Warranty	
Limited Warranty	3 Years Parts and Labor
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
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	
Model Number	
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Panel Drawings

