1T-VS-558 Video Scaler is a high bandwidth, professional Cross Converter for Analog and DVI formats. The unit has separate Analog inputs and outputs via HD-15 and DVI-I connectors respectively. It accommodates resolutions up to WUXGA and 1080p and allows conversion between them as well as between digital and analog. The unit also accepts 480i or 576i YUV interlaced analog component video, such as from a DVD Player for up-conversion.

Advanced features, such as 3-D Motion Adaptive De-Interlacing and 3-D Noise Reduction, provide extremely high quality signal conversion. An OSD (On Screen Display) menu system makes the 1T-VS-558 easy to set up and control via front panel joystick or by the Infrared Remote Control. An Auto Adjust button allows for the automatic size and position of the image. DVI Inputs and Outputs are fully HDCP Compliant.

The unit requires external 5VDC and an AC Adapter is provided. It has a locking DC connector for added security. An optional RM-220 Rackmount kit is available that can house either one or two units.

Key Features of the 1T-VS-558

- Cross Conversion
- I/O Resolutions to WUXGA and 1080p
- I/O Formats RGBHV (YPbPr and YUV In Only)
- Bi-directional Digital-Analog Conversion
- DVI Inputs and Outputs are fully HDCP Compliant
- 3-D Motion Adaptive De-Interlacing
- 3-D Noise Reduction
- 3:2 Pull-Down w/2:2 Pull-Down Recovery
- Auto Adjust Button for automatic Size/Position
- Infrared Remote Control
- Locking DC Power Supply
- Optional Single/Dual Rackmount Kit

Specifications

Video Inputs

DVI-D	1x via DVI-I Connector
Analog RGBHV/YPbPr	1x via HD-15 Connector (1)
Analog YUV/YPbPr	1x via 3x RCA Connectors

Video Outputs

DVI-D	1x via DVI-I Connector
Analog RGBHV	1x via HD-15 Connector

Input Formats Supported

RGBHV	Up to WUXGA@60Hz
YPbPr	Up to 1080p
Interlaced Component	YUV at 480i or 576i

Output Format Supported

RGBHV	Up to WUXGA, 1080p

Control Methods

Front Panel	Via Buttons and Joystick
Infrared	Via IR Remote Control
RS-232 Interface	Via DB-9 Connector

Scaling Engine

De-Interlace	3D Motion Adaptive
Noise Reduction	3D
Pull-Down	3:2 + 2:2 Recovery
HDCP Compliance	Yes
Bandwidth	1.65 Gbs

Mechanical

Size (H-W-D)	42x218x164mm (1.7x8.5x6.45")
Weight (Net)	1.13 kg (2.5 lbs)

Warranty

Limited Warranty	2 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

Regulatory Approvals

Converter Unit	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x AC Power Adapter	US, UK or Euro
1x Operations Manual	
1x IR Remote Control	

Optional Accessories

Rackmount Kit	RM-220 Single/Dual

Panel Drawings