

**1T-PCDVI-PCDVI** Video Scaler is a high bandwidth, professional Cross Converter that freely converts between resolutions up to 1080p and WUXGA, analog or digital. It also upconverts 480i or 576i analog component video. Input connectors are DVI, HD15 and 3xRCA. Output connectors are DVI and HD15.

An integrated DVI/HDCP compliant receiver is central to the processor along with 3-D motion adaptive de-interlacers. The 3:2 pull-down, 2:2 pull-down detection recovery and 3-D noise reduction complete the superior video signal processing capability.

The 1T-PCDVI-PCDVI may be operated from the front panel buttons or via the supplied Infrared Remote Control. An On Screen Display makes operation of the scaler fast and simple. An Auto Adjust button allows for the automatic size and position of the image. A 5VDC Power Adapter with locking DC connector is provided.



### Key Features of 1T-PCDVI-PCDVI

- PC/HD Cross Conversion and YUV Up Conversion
- Digital-to-Analog and Analog-to-Digital Conversion
- DVI and Analog In/Out to 1080p and WUXGA
- DVI Input/Output is HDCP Compliant
- RGB, YPbPr and YUV Inputs Supported
- 3-D Motion Adaptive De-Interlace, Noise Reduction
- 3:2 Pull-Down with 2:2 Pull-Down Recovery
- Front Panel or Infrared Remote Control

### Specifications

#### Video Inputs

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

#### Video Outputs

|               |                        |
|---------------|------------------------|
| DVI-D         | 1x via DVI-I Connector |
| Analog RGB HV | 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 |
|-------|--------------------|

#### HDCP Support

|         |                 |
|---------|-----------------|
| DVI I/O | Fully Compliant |
|---------|-----------------|

#### Scaling Engine

|                 |                    |
|-----------------|--------------------|
| De-Interlacers  | 3D Motion Adaptive |
| Noise Reduction | 3D                 |
| Pull-Down       | 3:2 + 2:2 Recovery |

#### Warranty

|                  |                         |
|------------------|-------------------------|
| Limited Warranty | 3 Years Parts and Labor |
|------------------|-------------------------|

#### Mechanical

|              |                           |
|--------------|---------------------------|
| Size (H-W-D) | 25.5x180x125mm (1x7x4.9") |
| Weight (Net) | 480 g (1.06 lbs)          |

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

|                            |                       |
|----------------------------|-----------------------|
| <b>Product Item Number</b> | <b>1T-PCDVI-PCDVI</b> |
|----------------------------|-----------------------|

### Panel Drawings

