

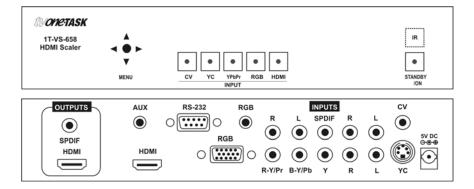
1T-VS-658 Video Scaler is a professional Up and Cross Converter with an HDMI output. Fully scaleable video inputs include HDMI, DVI (via the HDMI connector), Analog RGB via an HD-15, Analog YPbPr or 480i/576i YUV Component via three RCA, YC and Composite Video. It handles I/O Resolutions up to 1080p and WUXGA. Both digital and analog audio processing is supported and audio delays of up to 150ms can be introduced to insure lip sync. Five Analog Stereo and a SPDIF Coaxial Digital Audio input can be selected for embedding into the HDMI output. A separate Coaxial Digital Audio output is also provided.

Advanced features, such as 3D Motion Adaptive De-Interlacing, 3D Noise Reduction and 8-bit triple ADC/PLL technology, combine to provide extremely high quality signal conversion. The HDMI I/O is HDCP Compliant. An OSD (On Screen Display) menu makes the 1T-VS-658 easy to set up. Control is via front panel joystick and buttons, Infrared Remote or RS-232 interface.

Specifications

Video Inputs Scaling Engine HDMI (DVI Compatible) **De-Interlace** 1x via HDMI Connector 3D Motion Adaptive Analog RGBHV 1x via HD-15 Connector Noise Reduction 3D Analog YUV Component 1x via 3x RCA Connectors Pull-Down 3:2 + 2:2 Recovery YC (S-Video) 1x via 4-pin Mini Din HDMI Compliance V 1.2 with HDCP Composite Video 1x via RCA Connector Warranty Limited Warranty **Audio Inputs** 2 Years Parts and Labor 1x via RCA Connector Mechanical Digital (S/PDIF) 3x via RCA (R/L) Size (H-W-D) 42x218x164mm (1.7x8.5x6.45") Analog Stereo 2x via 3.5mm Mini-Stereo Weight (Net) 1.21 kg (2.68 lbs) Video Output Environmental 1x via HDMI Connector HDMI v1.2 (RGBHV) Operating Temperature 0° to +48°C (+32° to +120°F) Audio Outputs Operating Humidity 10% to 85%, Non-condensing Embedded into HDMI Digital per HDMI Spec Storage Temperature -10° to +70°C (+14° to +158°F) 1x via RCA Coax Connector Digital (S/PDIF) Storage Humidity 10% to 85%, Non-condensing Audio Delay Adjustment Off, 40ms, 110ms, 150ms **Power Requirement Input Video Formats Supported** External Power Supply 5VDC@2A HDMI v1.2 (RGBHV/YPbPr) Up to WUXGA, 1080p **Regulatory Approvals** Analog RGBHV Up to WUXGA@60Hz FCC, CE, RoHS Converter Unit Analog YPbPr Up to 1080p Power Supply UL, CUL, CE, PSE, GS, RoHS Analog Interlace Component 480i, 576i YUV (Y,R-Y,B-Y) **Accessories Included** DVI (via HDMI Connector) Up to WUXGA, 1080p 1x AC Power Adapter US, UK or Euro Composite and YC (S-Video) NTSC or PAL 1x Operations Manual **Remote Control Methods** 1x IR Remote Control Front Panel Via Buttons and Joystick **Optional Accessories** Infrared Via IR Remote Control Rackmount Kit RM-220 Single/Dual **RS-232** Interface Via DB-9 Connector

Panel Drawings



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Key Features of the 1T-VS-658

HDMI Video Scaler

Model 1T-VS-658

- HDMI Output Resolutions to WUXGA and 1080p
- Inputs: HDMI, RGB, YPbPr, YUV, YC (S-Video), CV
- Both Analog and Digital Audio Capable
- Audio Delay for Lip Sync Corrections
- 3D Motion Adaptive De-Interlace & Noise Reduction
- 3:2 Pull-Down w/2:2 Pull-Down Recovery
- Infrared Remote Control
- Locking DC Power Supply
- Optional Single/Dual Rackmount Kit