

1T-VS-668

Universal Video Scaler/Switcher

Key Features

- HDMI Max Res: WUXGA & 1080p
- HDMI, RGB, YPbPr, YUV, CV In
- Seamless switching (no sync loss)
- Cross Conversion of Analog & Digital Audio
- Audio Delay for Lip Sync Correction
- HDCP Compliant
- 3D Motion Adaptive De-Interlacing
- Noise Reduction, 3D Comb Filter
- 3:2 Pull-Down, 2:2 Pull-Down Recovery
- Web GUI Control Interface
- Infrared Remote Control
- Locking DC Power Supply
- Rack Mount Kit



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Overview

The 1T-VS-668 Video Scaler is a commercial switcher/scaler with versatile format conversion and multiple duplicated output capability. Fully scalable video inputs include HDMI, DVI (via DVI-to-HDMI adapter), analog RGB via HD-15 connectors, analog YPbPr or 480i/576i YUV Component via three RCA connectors and Composite Video. It handles I/O Resolutions up to 1080p and WUXGA. Both digital and analog audio processing are supported and audio delays of up to 150ms can be introduced to ensure lip sync. Eight analog stereo inputs can be selected for embedding into the HDMI outputs. Separate coaxial digital and stereo audio outputs are also provided.

Specifications

Video Input

HDMI Input	3x via HDMI Connector
Analog RGBHV	3x via HD-15 Connector
YPbPr/YUV	1x via RCA Connectors
Composite Video	1x NTSC/PAL via RCA Connector

Audio Input

Analog Audio 2x via RCA (R,L), 6 via 3.5mm mini

Video Output

HDMI	2x via HDMI Connector
Analog RGBHV/YPbPr	1x via HD-15 Connector

Audio Output

HDMI Embedded	2x via HDMI Connector
Analog Stereo	1 via 3.5mm mini
Digital Audio(S/PDIF)	1x via RCA connector
Audio Delay	Off, 40ms, 110ms, 150ms

Environmental

Operating Temperature	0° to +40° C (+32° to +104° F)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	-20° to +60° C (-4° to +140° F)
Storage Humidity	20% to 90%, Non-condensing

Warranty

Limited Warranty 3 Years Parts and Labor

Regulatory Approvals

Encoder/Decoder Unit FCC, CE, RoHS
Power Supply UL, CUL, CE, PSE, GS, RoHS

Mechanical (H-W-D)

1T-VS-668 47x432x183mm (1.85" x 17" x 7.2")

Weight

1T-VS-668 2.14Kg (4.7lb)

Power Requirement

External Power Supply 5VDC@3A Locking Connector

Accessories Included

1x Power Adapter US, UK and Euro

1x User Manual

1x Rack Ear Set

1x HD15 to YUV adapter cable

1x IR Remote Control

1x IR Extender

1x Operations Manual

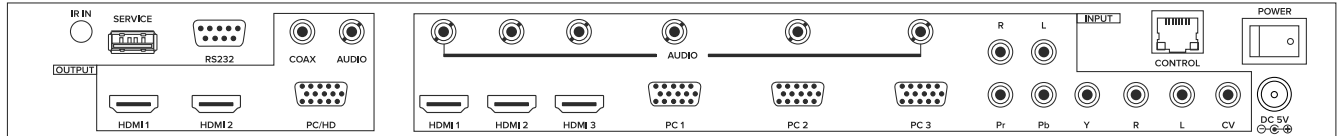
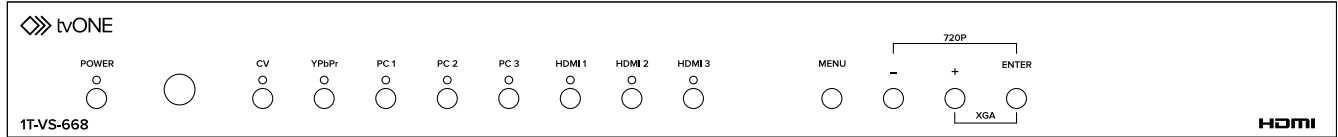
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Panel Drawings



Resolution Table

Resolution		V. Rate/Hz	Scan	Format	Valid Connector
480i	720x480	60 (NTSC)	Interlaced	Composite, YUV	HD-15,HDMI,YUV,CV
576i	720x576	50 (PAL)	Interlaced	Composite, YUV	HD-15,HDMI,YUV,CV
480p	720x480	60	Progressive	YPbPr/RGBHV	HD-15,HDMI,YUV
576p	720x576	50	Progressive	YPbPr/RGBHV	HD-15,HDMI,YUV
720p	1280x720	50,60	Progressive	YPbPr/RGBHV	HD-15,HDMI,YUV
1080i	1920x1080	50,60	Interlaced	YPbPr/RGBHV	HD-15,HDMI,YUV
1080p	1920x1080	50,60	Progressive	YPbPr/RGBHV	HD-15,HDMI,YUV
VGA	640x480	60	Progressive	RGBHV	HD-15,HDMI
SVGA	800x600	60	Progressive	RGBHV	HD-15,HDMI
XGA	1024x768	60	Progressive	RGBHV	HD-15,HDMI
WXGA	1280x768	60	Progressive	RGBHV	HD-15,HDMI
WXGA	1280x800	60	Progressive	RGBHV	HD-15,HDMI
SXGA	1280x1024	60	Progressive	RGBHV	HD-15,HDMI
	1360x768	60	Progressive	RGBHV	HD-15,HDMI
SXGA+	1400x1050	60	Progressive	RGBHV	HD-15,HDMI
	1440x900	60	Progressive	RGBHV	HD-15,HDMI
UXGA	1600x1200	60	Progressive	RGBHV	HD-15,HDMI
WSXGA	1680x1050	60	Progressive	RGBHV	HD-15,HDMI
WUXGA	1920x1200	60	Progressive	RGBHV	HD-15,HDMI