

1T-VS-647

SDI to HDMI Scaler with Audio (x)

Key Features 1T-VS-647

- Bitrates to 2.970Gb/s
- Resolutions up to and including 1080p
- De-embedded Audio – Analog and Digital Outputs
- SDI Equalized and Re-Clocked loop-thru
- Automatic Detection of Input Format
- SMPTE 425 A&B, 424M, 292M & 259M-C
- OSD (On Screen Display)
- Converts SDI HD Timing to PC Timing



1T-VS-647 SDI to HDMI Scaler with Audio converts a variety of SDI transmission rates and video resolutions into an HDMI signal. It also provides audio flexibility by outputting the audio embedded in the SDI signal to external connectors (both analog and digital formats) for distribution separate from the HDMI data stream. Bit rates to 2.970Gb/s allow processing of resolutions up to and including 1080p. SMPTE standards 425 A&B, 424M, 292M & 259M-C are supported and SMPTE 425M level B to level A Conversion is also standard. Automatic Input Video Format Detection and an On Screen Menu display make operation easy and intuitive. Additional capabilities include SDI loop-thru with equalization and reclocking which means the 1T-VS-647 SDI to HDMI Scaler doubles as an SDI repeater. Finally, as part of the SDI to HDMI scaling process, SDI timing is automatically converted to PC timing parameters.

Video Scalers

Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!
Tel.: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu

1T-VS-647 Specifications

Video/Audio Input

SDI SD, HD, 3G-SDI Via 2x BNC (Input w/Loop-Thru)

Video Output

HDMI v1.3 Via 1x HDMI Connector

Audio Outputs

Digital Audio Via 1x RCA, 48KHz

Analog Audio Via 2x RCA, 48KHz

SDI Loop Thru

Signal Processing Equalization & Re-Clocking

Cable Distance SD=300M, HD=200M, 3G=100M

SDI Format Support

SD 480i, 576i

HD 720p, 1080i, 1080p 24/25/30

3G-SDI 1080p 50/60

Signal Conversion

SMPTE Standard 425M Level B to Level A

Max Output Resolution 1080p 50/59.94/60, 4:2:2, 10 Bit

De-Embedded Audio

Output Signal Types Digital Coaxial, Analog R&L

Channel Compliment 4 Groups, 2 per Group

Transmission Bitrates

SDI Inputs 2.970Gbit/s & 2.970/1.001 Gbit/s

Frequency Bandwidth

MHz/Link 165MHz

Mechanical

Size (H-W-D) 30 x 180 x 142mm (1.2 x 7 x 5.6")

Weight (Net) 460g (16.2oz)

Warranty

Limited Warranty 3 Years Parts and Labor

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

Power Requirement

External Power Supply 5VDC@2.6A

Regulatory Approvals

Converter Unit FCC, CE, RoHS

Power Supply UL, CUL, CE, PSE, GS, RoHS

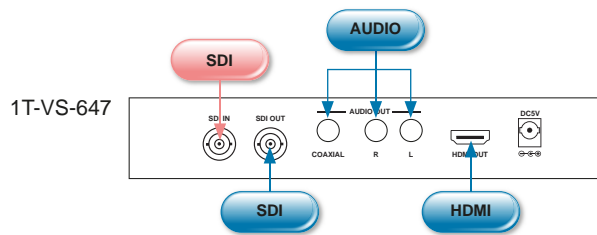
Accessories Included

1x AC Power Adapter US, UK or Euro

1x Operations Manual

Optional Accessories

Rack Mount Kit RM-230



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