

**1T-SDI-V** is a high performance, multi-standard Serial Digital to Analog Converter, designed for and professional and broadcast monitoring applications. The unit provides 8-bit SDI to Analog conversion with reclocking and equalization of the input signal for distances up to 300 meters from the source, provided that high quality, double shielded coaxial cable has been used. The 1T-SDI-V handles 525 or 625 line signals and provides NTSC, PAL, PAL-N and PAL-M outputs. Selection of the output standard is via front panel dip switches. A Composite and an S-Video output is provided. The unit is housed in an ultra compact metal case. It uses an external 5VDC In-Plug type power adapter with locking DC connector.

## Specifications

<b>SDI Video Input</b>	
SMPTE 259M, 270Mbits/s	via BNC Connector
<b>Analog Video Outputs</b>	
Composite	via BNC Connector
S-Video (Y/C)	via 4-PIN Mini-DIN
Television Standards	NTSC, PAL, PAL-N, PAL-M
Impedance	75Ω
<b>Video Specifications</b>	
Signal Processing	8-bit
Frequency Response	Flat to more than 5MHz
<b>Signal to Noise Ratio</b>	
Black Field, weighted	>65db
<b>Control Method</b>	
Front Panel Dip Switch	Select Output Standard
<b>Warranty</b>	
Limited Warranty	2 Years Parts and Labor
<b>Mechanical</b>	
Size (H-W-D)	1.2"x5.25"x3" (30x133x76mm)
Weight (Net)	10 oz (285 g)
<b>Environmental</b>	
Operating Temperature	+32° to +120° F (0° to +48° C)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	-40° to +150° F (-40° to +65° C)
Storage Humidity	10% to 85%, Non-condensing
<b>Power Requirement</b>	
External Power Supply	5VDC@500mA - Locking DC
<b>Regulatory Approvals</b>	
Converter Unit	FCC, CE
Power Supply	UL, CE, CSA
<b>Accessories Included</b>	
1x SDI Input Cable	6' (2m) BNC to BNC
1x Power Adapter	US, UK or Euro or Type
1x Operations Manual	
<b>Product Item Number</b>	
1T-SDI-V	SDI to Analog Converter



### Key Features of the 1T-SDI-V

- 8-bit Signal Processing
- Serial Digital Video Input at 270Mbits/sec
- Composite and S-Video Outputs
- NTSC, PAL, PAL-N, PAL-M Operation
- Ultra Compact Metal Case

## Panel Drawings

