

1T-V-SDI is a high performance, multi-standard Analog to Serial Digital Converter, designed for professional and broadcast monitoring applications. The 1T-V-SDI uses 8-bit technology and 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

Analog Video Inputs	
Composite	via BNC Connector
S-Video (Y/C)	via 4-PIN Mini-DIN
Television Standards	NTSC, PAL, PAL-N, PAL-M
Impedance	75Ω
SDI Video Output	
SMPTE 259M, 270Mbits/s	via BNC Connector
Video Specifications	
Frequency Response	Flat to more than 6MHz
Chroma to Luma Delay	≤ 5nS
Differential Gain	≤ 1%
Differential Phase	≤ 1°
Luma Nonlinearity	≤ 1%
Signal to Noise Ratio	Better than 60db
Signal Processing	8-bit
Control Method	
Front Panel Dip Switch	Output Standard, CV or SV In, Comb or Low Pass Filter
Warranty	
Limited Warranty	2 Years Parts and Labor
Mechanical	
Size (H-W-D)	1.2"x5.25"x3" (30x133x76mm)
Weight (Net)	10 oz (285 g)
Environmental	
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
Power Requirement	
External Power Supply	5VDC@500mA - Locking DC
Regulatory Approvals	
Converter Unit	FCC, CE
Power Supply	UL, CE, CSA
Accessories Included	
1x C-Video Input Cable	6' (2m) BNC to BNC
1x Power Adapter	US, UK or Euro or Type
1x Operations Manual	
Product Item Number	
1T-V-SDI	Analog to SDI Converter



Key Features of the 1T-V-SDI

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

Panel Drawing

