



# IEEE-1394 DV-Analog Converter

Model 1T-DV1394-A70

**1T-DV1394-70** DV-Analog Converter provides bi-directional conversion of DV and Analog Video and Stereo Audio. Convert a DV (i-Link/Firewire) Audio/Video signal into a standard Composite, S-Video or YCbCr Component signal with Stereo Audio or vice versa. The unique hardware codec used in the 1T-DV1394-A70 allows this bi-directional, real-time conversion with excellent quality at a very cost effective price. Unlike most products in its price category, the 1T-DV1394-A70 provides Component Video out as well as in. It is the ideal companion for computers with DV Capture Boards because it allows you to hook up the DV Board to a standard TV Set or Video Monitor as well as most VCRs and Camcorders, including VHS, S-VHS, Video 8, Hi-8, etc. The unit is housed in a rugged metal case, which makes it ideal for the professional and industrial market. The 1T-DV1394-A70 is PAL and NTSC compatible.



- Key Features of the 1T-DV1394-A70**
- Bi-directional Conversion of DV to/from Analog
  - I/O: Composite, S-Video, YCbCr, DV, Stereo
  - Audio Support: 48KHz and 32KHz
  - Digital Compatible: DV, DV-CAM, i-Link
  - PAL-NTSC Selectable

## Specifications

<b>Video Inputs/Outputs</b>	
Composite Video	via BNC Connectors
S-Video (Y/C)	via 4-Pin Mini-DIN Connectors
YCbCr Component	via 3 BNC Connectors
IEEE-1394 DV	via 4 or 6-Pin or DV Connector
Impedance	75Ω
Television Standards	PAL, NTSC
<b>Audio Inputs/Outputs</b>	
Unbalanced Stereo	via 2 RCA Connectors (R/L)
Digital (Within DV)	48KHz and 32KHz
<b>General</b>	
Conversion Process	Bi-directional, Digital
Digital Sampling	Y=8 bits, R-Y=8 bits, B-Y=8 bits
Sampling Format	PAL 4:2:0, NTSC 4:1:1
<b>Mechanical</b>	
Size (H-W-D)	1.6"x7.6"x 5.1" (40x192x130mm)
Weight (Net)	2.4 lbs (1.1 kg)

<b>Warranty</b>	
Limited Warranty	2 Years Parts and Labor
<b>Environmental</b>	
Operating Temperature	+5° to +45° C (+41° to +113° F)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	-10° to +70° C (+14° to +158° F)
Storage Humidity	10% to 85%, Non-condensing
<b>Power Requirement</b>	
External Power Supply	5VDC@2.A - Locking DC
<b>Regulatory Approvals</b>	
Converter Unit	FCC, CE
Power Supply	UL, CE, CSA
<b>Accessories Included</b>	
1x Firewire Cable	6' (2m) 6-Pin DV to 6-Pin DV
1x AC Power Adapter	US, UK or Euro or Type
1x Operations Manual	On CD ROM
<b>Product Item Number</b>	
1T-DV1394-A70	DV Converter

## Panel Drawings

