

## Pro SDI<sup>TM</sup>

**BiDirectionally Converts: FireWire (IEEE-1394 DV) / SDI (SMPTE 259M)  
Component / Composite / S-Video  
Analog Audio / AES-EBU Audio / Balanced / Unbalanced**

Part#  
PSDI-01



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**Pro SDI<sup>TM</sup>** is a high performance bi-directional IEEE-1394 DV to Analog converter, designed for the needs of broadcast and professional users. In addition to converting DV to and from Analog Video and Audio, the unit's SDI and AES/EBU Audio I/O allows bi-directional conversion of DV-to-SDI. It also provides bi-directional Analog-to-SDI conversion and Analog to Analog transcoding. All outputs work in parallel, so multiple devices such as VCRs and monitors may be connected at the same time. For convenience, there are two 6-Pin Firewire connectors on the Pro SDI<sup>TM</sup>, one in the front and one in the rear. When in a broadcast studio or post production environment, the Genlock interface allows the unit to be synchronized to a studio reference signal. Control of the Pro SDI<sup>TM</sup> is by front panel buttons and LCD or remotely via RS-232. An RS-422 interface is provided for controlling VCRs from an editing system, such as AVID, via the DV connection. The unit is housed in a desktop case with rackmount.

### Features Include

- Bi-directional Conversion: DV to Analog and Analog to DV
- Video I/O: Composite, S-Video and YUV Component Video, DV (IEEE1394) and SDI
- Audio I/O: Balanced and Unbalanced Analog Stereo and AES/EBU Digital Audio
- Anything In - Anything Out, All Outputs simultaneously active
- IEEE-1394 Compatible with DV, DVCAM and DVC-PRO
- NTSC-PAL Selectable
- Genlockable for easy Systems Integration
- Video Sampling: NTSC 4:1:, PAL 4:2:0, (DVC Pro 4:1:1 for NTSC-PAL)
- Audio Support: 48KHz, 44.1KHz and 32KHz
- Rugged Rackmountable Metal Enclosure
- 115VAC to +12VDC @ 800mA Power Supply included
- Dimensions: 1.75"H x 19"W x 8"D (44x482x203mm)
- Weight: 4.4 lbs (2kg)
- Two-Year Limited Warranty

### Rear Photo:



### Video Inputs/Outputs

Composite Video 1x via BNC Connector  
S-Video (Y/C) 1x via 4-Pin Mini-DIN Connector  
YUV Component 1x via 3 BNC Connectors  
DV IEEE-1394 1x via 6-Pin DV Connector  
SDI (270Mbits/Sec) 1x SMPTE 259M/CCIR656-III  
Genlock (Looping) 1x Composite Video via 2 BNC  
Television Standards NTSC, PAL-B,G

## Audio Inputs/Outputs

Unbalanced Stereo 1x via 1 RCA (R/L) 47K $\Omega$

Balanced Stereo 1x via 2 XLR 600 $\Omega$

AES/EBU Digital Stereo 1x via XLR 600 $\Omega$

## General

Local Control Front Panel Buttons, LCD

Unit Remote Control RS-232 via DB-9 Male

Machine Control via DV RS-422 via DB-9 Male

## Sampling Format

DV, DVCAM NTSC 4:1:1, PAL 4:2:0

DVC Pro NTSC-PAL 4:1:1

## Mechanical

Size (H-W-D) 1.75" x 19" x 8"(44x482x203mm)

Weight (Net) 4.4 lbs (2 kg)

## Environmental

Operating Temperature +32° to +110° F (0° to +43° 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 PS 12VDC, 1A, Center Pin +

## Regulatory Approvals

Converter Unit FCC, CE

Power Supply UL, CE, CSA

## Accessories Included

1x C-Video Cable 6' BNC to BNC

1x S-Video Cable 6' 4-Pin S-V to 4-Pin S-V

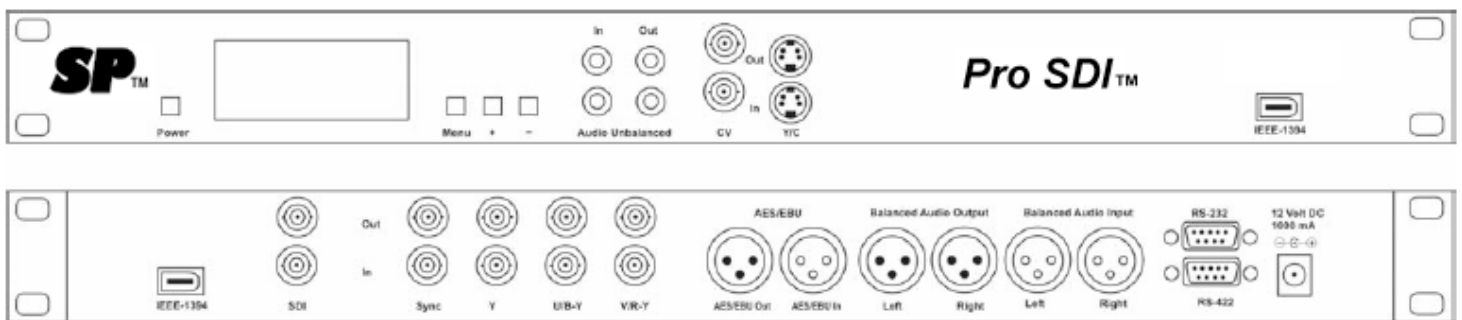
1x Firewire Cable 6' 4-Pin DV to 6-Pin DV

1x Stereo Audio 6' RCA to RCA (R-L)

1x AC Power Adapter 100-240VAC to 12VDC @ 1A

1x AC Power Cord 6' USA Type 3-Pin

## Front & Rear Panels



**\$2479** plus shipping and handling.

Please call to order this product or ask questions, or email with questions to:

[sales@spcomms.com](mailto:sales@spcomms.com)

1-888-713-3700 or 661-242-1500