

# ADVCI00

Advanced Digital Video Converter

## Bridging the Analog/Digital Gap

Award-winning DV  
codec technology

Locked audio  
support

NTSC and PAL  
compatible

Windows  and Mac OS  
compatible



Bridging the  
Analog/Digital **Gap**

**canopus**

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# ADVC100

## Specifications

The ADVC-100 bridges the analog/digital gap in realtime. Convert your S-Video and composite analog source to DV and back. In addition to using Canopus's award-winning DV codec technology, the ADVC-100 supports locked audio, works with NTSC and PAL video and is compatible with both Windows and Mac OS.

### The Canopus Difference

By designing original and innovative hardware and software, Canopus produces the fastest, highest-quality nonlinear editing systems available for desktop PCs.

Our **Scalable Technology** architecture harnesses the processing power of your CPU which allows for speed and performance increases – including realtime transitions, effects and output – as the speed of your machine increases.

### Features

#### > DV converter specialized for NLE

Convert your S-VHS, Hi8 or other analog video tapes to DV in one simple step using the ADVC-100. This DV data can be stored in a Windows or Mac OS system via IEEE 1394 (i.LINK, FireWire) and manipulated using your favorite photo or video editing applications. This device is ideal for all OHCI and DV-only capture cards for Macintosh or PC.

#### > Proven DV codec Technology

The ADVC-100 uses an original hardware design, co-developed with NEC, to create custom hardware codec chip using Canopus's original algorithm. Canopus's award-winning DV codec is found in AVID's Xpress DV software and Canopus's full line of DV capture cards.

#### > Advanced Usability

The ADVC-100 has analog input connectors on both the front and back for permanent connections such as VCRs, which can be connected to the back while all inputs are still available on the front. When used with Canopus DV capture cards, the ADVC-100 automatically detects whether you are importing digital or analog video.

#### > Locked Audio Support

Other converters can lose audio/video sync when converting analog for longer periods of time. The ADVC-100 is the first inexpensive DV converter that supports locked audio when converting from analog to digital, assuring perfect audio and video synchronization.

#### > Color bar output

Generate analog output of NTSC color bars for reference signal monitoring.

### Technical Specifications

Input/Output signals

- DV in/out** > IEEE 1394 6-pin S200 (200 Mbps)
- > IEEE 1394 4-pin S200 (200 Mbps)

- Analog Video Input** > NTSC (525/60)
- > PAL (625/50)
- > S-Video In (Y/C)

- Audio In** > Stereo Unbalanced Line In

- Sampling Frequency** > 48kHz/16bit/2ch, 32kHz/12bit/4ch

- Analog Video Output** > NTSC 525/60
- > PAL 625/50
- > S-Video Out (Y/C)

- Audio Out** > Stereo Unbalanced Line Out

- Sampling Frequency** > 48kHz/16bit/2ch, 32kHz/12bit/4ch

- Power Input** > DC 5V

- Power** > DC 5V AC Adapter AC100V/220V

- Power usage** > 5.5W

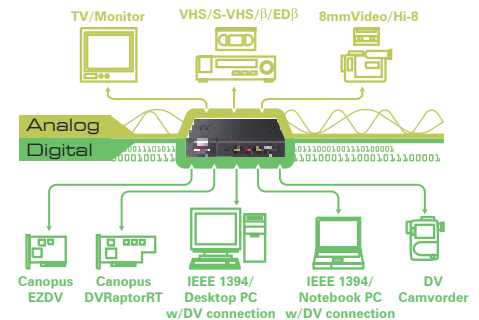
- Size** > 146x27.2x120mm

### Package Contents

- > ADVC-100 Converter
- > IEEE 1394 DV Cable (6-pin - 4-pin)
- > AC Adapter
- > Video cable (S-Video/composite)

### Service and Support

- > Three-year limited warranty
- > **Customer Service:** (408) 954-4502 (9am – 5pm Mon-Fri PST)
- > **Technical Support:** (408) 954-4506 (9am – 5pm Mon-Thu, 9am – 3:30pm Fri PST)



### The ADVC-100 Advantage

	Canopus ADVC-100	Sony DVMC-DA2	Dazzle DV Bridge
Price (list)	\$299	\$399	\$299
AV sync (locked audio)	Yes	No	No
Input line auto select	Yes	No	No
720x480 analog output	Yes	Yes	No
YUV support	No	No	No
NTSC/PAL support	Yes	NTSC	Yes
Front/back analog in	Both	back only	back only
DV jacks	2	1	2
Color bar output	Yes	No	No
48kHz/16bit audio	Yes	Yes	Yes
32kHz/12bit audio	Yes	Yes	Yes

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