

ADVC PROFESSIONAL FAMILY

High-Quality
Analog/Digital
Video Conversion



Key Features

- Connects analog video equipment to FireWire-equipped computers for video editing
- Compatible with Windows and Macintosh operating system-based DV editing systems
- Compatible with leading editing and DVD authoring applications including Grass Valley™ EDIUS®, Sony Vegas, Apple Final Cut Pro and iMovie, Avid Xpress DV and Liquid, Adobe Premiere Pro, Ulead MediaStudio Pro, and Windows Movie Maker
- No drivers or software applications to install
- Powered by IEEE 1394 (FireWire) connector (ADVC55 and ADVC110 only)
- NTSC and PAL compatible

Our ADVC® professional family supports virtually any professional video conversion need. Each contains our innovative Canopus® DV codec technology, which provides the industry's best picture-quality preservation during analog/DV conversion.

As standalone units or connected to a computer, all ADVC professional family products feature broad compatibility with video equipment and software and intelligent input/output selection with automatic signal detection.

ADVC55 – Compact A/D Conversion

Our ADVC55 unit connects VHS, Hi8, and other analog video equipment to a DV camera, deck, or editing system. It's ideal for capturing analog video into FireWire-equipped notebook and desktop editing computers. There are no drivers to install and the unit does not require a power supply when used with a 6-pin DV cable.

ADVC110 – High-Quality, Bi-Directional A/D Conversion

Our ADVC110 unit connects to all analog and digital video cameras, decks, and editing systems. This portable and easy-to-use digital video converter is ideal for capturing and outputting analog video from any FireWire-equipped notebook or desktop computer. There are no drivers to install and the unit does not require a power supply when used with a 6-pin FireWire cable.

ADVC300 – Bi-Directional A/D Conversion With Analog Filtering

Featuring high-quality image-enhancement technology—including digital noise reduction and image stabilization using line time base correction (LTBC)—our ADVC300 unit instantly cleans, stabilizes, and preserves old VHS and Hi8 videos in a clean DV format.

TwinPact100 – Transform PC Graphics into High-Quality Video

The multifunctional TwinPact100 offers the highest quality bi-directional analog/digital video conversion, track and zoom scan conversion of computer graphics to analog and digital video, and capture-to-DV of on-screen graphics. The TwinPact100 can be used with virtually any Windows- or Mac OS-based video editing system, or as a standalone device.





Specifications

	ADVC55	ADVC110	ADVC300	TwinPact100
Video Format	NTSC, PAL, SECAM (input only)	NTSC, PAL, SECAM (input only)	NTSC, PAL, SECAM (input only)	NTSC, PAL, SECAM (input only)
Digital Video	6-pin FireWire (input only)	6-pin FireWire, 4-pin FireWire	6-pin FireWire, 4-pin FireWire	6-pin FireWire, 4-pin FireWire
Audio Format	2-channel, 48 kHz, 16 bit	2-channel, 48 kHz, 16 bit	2-channel, 48 kHz, 16 bit	2-channel, 48 kHz, 16 bit
Analog Video Input	S-Video, composite (RCA)	S-Video, composite (RCA)	S-Video, composite (RCA)	S-Video, composite (RCA), RGB (15-pin D-Sub max 1600x1200)
Analog Audio Input	Stereo unbalanced (2 x RCA)	Stereo unbalanced (2 x RCA)	Stereo unbalanced (2 x RCA)	Stereo unbalanced (2 x RCA, 1 x 3.5 mm)
Analog Video Output	—	S-Video, composite (RCA)	S-Video, composite (RCA)	S-Video, composite (RCA), VGA pass-through (15-pin D-Sub)
Analog Audio Output	—	Stereo unbalanced (2 x RCA)	Stereo unbalanced (2 x RCA)	Stereo unbalanced (2 x RCA)
Device Control	AV/C over IEEE 1394	AV/C over IEEE 1394	AV/C over IEEE 1394	AV/C over IEEE 1394
Power	1394 bus power (6-pin), optional DC adapter	1394 bus power (6-pin), optional DC adapter	Included DC adapter	Included DC adapter
Dimensions	126 (W) x 23 (H) x 76 (D) mm 4.96 (W) x 0.91 (H) x 2.99 (D) in.	146 (W) x 27.2 (H) x 120 (D) mm 5.75 (W) x 1.07 (H) x 4.72 (D) in.	146 (W) x 27.2 (H) x 177 (D) mm 5.75 (W) x 10.7 (H) x 6.97 (D) in.	125 (W) x 31 (H) x 148 (D) mm 4.92 (W) x 1.22 (H) x 5.83 (D) in.



Package Contents

Model	ADVC55	ADVC110	ADVC300	TwinPact100
Package Contents	ADVC55 unit 1 x IEEE 1394 FireWire cable (6-pin to 6-pin) User manual	ADVC110 unit 1 x IEEE 1394 FireWire cable (6-pin to 6-pin) User manual	ADVC300 unit*1 AC adapter 1 x IEEE 1394 FireWire cable (6-pin to 4-pin) Picture Controller application CD-ROM User manual	TwinPact100 unit w/remote control AC adapter 1 x IEEE 1394 FireWire cable (6-pin to 4-pin) 1 x VGA cable (15-pin D-Sub) 1 x Stereo 3.5 mm audio cable Twin Commander installation CD-ROM User manual
Optional Power Supply*2,3	ADVC-PSU5V adapter kit*3 1 x AC power adapter 1 x IEEE 1394 FireWire cable (6-pin to 4-pin)	ADVC-PSU5V AC adapter kit*3 1 x AC power adapter 1 x IEEE 1394 FireWire cable (6-pin to 4-pin)	n/a	n/a

*1 A D1 component cable is available as an option in some countries.

*2 Sold separately.

*3 Use of other power supplies with this ADVC unit is not recommended and will void warranty.

Minimum Computer System Requirements

Windows PC

- Windows 2000 (Service Pack 3 or higher), Windows XP Home, or Windows XP Professional (Service Pack 1 or higher)
- DirectX 8.0 or higher

Mac

- Mac OS X (10.2.7/10.2.8/10.3/10.4.x)

Note: A video-capture card or OHCI FireWire connection is required to capture DV.

Grass Valley products from Thomson provide comprehensive, multi-format support for a wide range of professional video uses, from those in corporate media centers and educational institutions to those in concert and sports arenas, convention centers, and houses of worship.

These solutions include the ADVC line of analog-digital conversion products. Built on reliable and highly robust Canopus technology, they provide maximum performance and reliability for high-demand professional video production environments.

© Copyright 2007 Grass Valley, Inc. All rights reserved. Printed in USA. Canopus, ADVC, and EDIUS are registered trademarks and Grass Valley is a trademark of Grass Valley, Inc. All other tradenames referenced are service marks, trademarks, or registered trademarks of their respective companies. Specifications subject to change without notice. PRV-2013D

Thomson Worldwide Headquarters

17 rue du Petit Albi – BP 8244
95801 Cergy Pontoise Cedex
FRANCE

Service and Support

1-year limited warranty

professional.grassvalley.com

