ADVC

PROFESSIONAL FAMILY

High-Quality Analog/Digital Video Conversion

KEY FEATURES

- Connects analog video equipment to FireWire (IEEE 1394)-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 Thomson 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 FireWire (IEEE 1394) connector (ADVC55 and ADVC110 only)
- NTSC and PAL compatible

The 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 (IEEE 1394)-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 (IEEE 1394)-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 (IEEE 1394) 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.

professional.grassvalley.com

THOMSON
images & beyond

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 (IEEE 1394) (input only)	6-pin FireWire (IEEE 1394), 4-pin FireWire (IEEE 1394)	6-pin FireWire (IEEE 1394), 4-pin FireWire (IEEE 1394)	6-pin FireWire (IEEE 1394), 4-pin FireWire (IEEE 1394)
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 FireWire (IEEE 1394)	AV/C over FireWire (IEEE 1394)	AV/C over FireWire (IEEE 1394)	AV/C over FireWire (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 FireWire (IEEE 1394) cable (6-pin to 6-pin) User manual	ADVC110 unit 1 x FireWire (IEEE 1394) cable (6-pin to 6-pin) User manual	ADVC300 unit[1] AC adapter 1 x FireWire (IEEE 1394) cable (6-pin to 4-pin) Picture Controller application CD-ROM User manual	TwinPact100 unit w/ remote control AC adapter 1 x FireWire (IEEE 1394) 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 FireWire (IEEE 1394) cable (6-pin to 4-pin)	ADVC-PSU5V AC adapter kit[3] 1 x AC power adapter 1 x FireWire (IEEE 1394) 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.

HEADQUARTERS

Thomson Worldwide Headquarters
46 Quai A. Le Gallo
92648 Boulogne Cedex
FRANCE

DEALERS/RESELLERS

To find your local reseller or dealer for Thomson Grass Valley professional audio video products, please visit **professional.grassvalley.com/sales/.**

SERVICE & SUPPORT

Twelve-month limited warranty with service provided through local resellers. Additional support available on a contractual basis.