

ADVC

PROFESSIONAL FAMILY



High-Quality Analog/Digital Video Conversion

The ADVC professional family from Grass Valley, a Belden Brand, supports virtually any professional video conversion need. Each contains our innovative Grass Valley 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 1394a)-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 FireWire (IEEE 1394a) 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 1394a)-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 1394a) 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.

ADVC Professional Family

KEY FEATURES

- Connects analog video equipment to FireWire (IEEE 1394)-equipped computers for video editing
- Compatible with Windows (including Windows 7/8/8.1) and Mac operating system-based DV editing systems
- ADVC55 & ADVC110 compatible with Windows 8 (64-bit)
- 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 (except ADVC55 and ADVC110 when using Windows 8/8.1 64-bit)
- No drivers or software applications to install
- Powered by FireWire (IEEE 1394a) connector (ADVC55 and ADVC110 only)
- NTSC and PAL compatible
- Works with many FireWire 800 (IEEE 1394b) equipped computers by means of an appropriate adapter cable (customer supplied)

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 1394a) (output only)	6-pin FireWire (IEEE 1394a), 4-pin FireWire (IEEE 1394a)	6-pin FireWire (IEEE 1394a), 4-pin FireWire (IEEE 1394a)	6-pin FireWire (IEEE 1394a), 4-pin FireWire (IEEE 1394a)
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 1394a)	AV/C over FireWire (IEEE 1394a)	AV/C over FireWire (IEEE 1394a)	AV/C over FireWire (IEEE 1394a)
Power	FireWire (IEEE 1394a) bus power (6-pin), optional DC adapter	FireWire (IEEE 1394a) 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.	210 (W) x 31 (H) x 148 (D) mm 8.27 (W) x 1.22 (H) x 5.83 (D) in.
Minimum System Requirements (all units)	<p>Windows PC: Windows 2000 (Service Pack 3 or higher), Windows XP Home, Windows XP Professional (Service Pack 1 or higher), Windows Vista Home Basic, Windows Vista Home Premium, Windows Vista Business, Windows Vista Ultimate (Service Pack 1 or higher), Windows 7 Home Premium, Windows 7 Professional, Windows 7 Ultimate, DirectX 8.0 or higher. For the ADVC55 & ADVC110 only: Windows 8/8.1 (64-bit)</p> <p>Mac: Mac OS X (10.2.7/10.2.8/10.3/10.4.x/10.5/10.6)</p> <p>Note: A video-capture card or OHCI FireWire (IEEE 1394) connection is required to capture DV.</p>			

PACKAGE CONTENTS



Model	ADVC55	ADVC110	ADVC300	TwinPact100
Package Contents	ADVC55 unit 1 x FireWire (IEEE 1394a) cable (6-pin to 6-pin) User manual	ADVC110 unit 1 x FireWire (IEEE 1394a) cable (6-pin to 6-pin) User manual	ADVC300 unit*1 AC adapter 1 x FireWire (IEEE 1394a) cable (6-pin to 4-pin) Picture Controller application CD-ROM User manual	TwinPact100 unit w/remote control AC adapter 1 x FireWire (IEEE 1394a) 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*4 User manual
Optional Power Supply*2, 3	ADVC-PSU5V adapter kit*3 1 x AC power adapter 1 x FireWire (IEEE 1394a) cable (6-pin to 4-pin)	ADVC-PSU5V AC adapter kit*3 1 x AC power adapter 1 x FireWire (IEEE 1394a) 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.

*4 See separate application note for compatibility of this software with various operating systems.