

ADVC

Advanced Digital Video Converters

Connect to all video cameras,
decks and editing systems



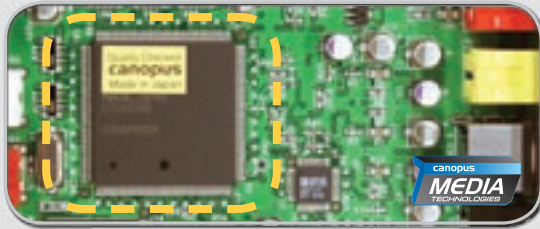
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ADVC

Advanced Digital Video Converters

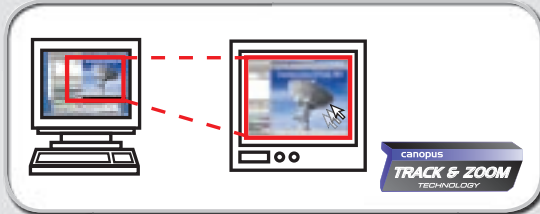
Canopus proprietary technology

At the heart of each ADVC is Canopus's proprietary DV codec chip, providing the industry's highest picture quality preservation during analog-to-DV conversion and locked audio support for perfect audio and video synchronization at all times.



> Canopus's proprietary DV codec chip

TwinPact100 is the first all-in-one scan converter and analog / digital video converter for Windows and Mac OS.



TwinPact100 features Canopus's proprietary Track and Zoom technology

- > Zoom in and output to video any application window, any desktop area or to dynamically track the area around the mouse pointer, ideal for creating sharper video presentations and focused tutorial videos
- > On-screen graphics are scan-converted to high-quality DV and analog video

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High-quality Analog / Digital Video Conversion



ADVC⁵⁰ / ADVC⁵⁵



> ADVC50 - exploded view



> ADVC50 - front



> ADVC55 - front



> ADVC55 - rear



ADVC¹⁰⁰ / ADVC¹¹⁰



> ADVC110 - front



> ADVC110 - rear



ADVC³⁰⁰



> ADVC300 - front



> ADVC300 - rear



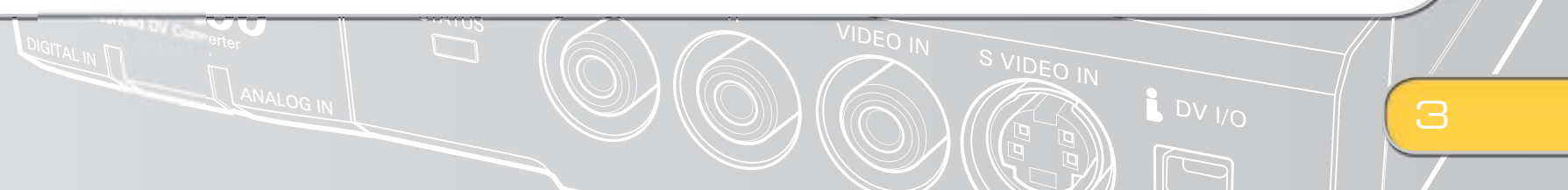
TwinPact¹⁰⁰



> TwinPact100 - front



> TwinPact100 - rear



ADVC

Advanced Digital Video Converters

Broad video equipment and software compatibility ensures ADVC provides a long product life and a high return on investment.

ADVC⁵⁰ / ADVC⁵⁵



ADVC¹⁰⁰ / ADVC¹¹⁰



ADVC³⁰⁰



TwinPact¹⁰⁰



Broad Compatibility

VHS

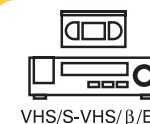
Hi8

DV

S VHS

DVCAM

Digital8



VHS/S-VHS/β/EDβ

DV
Camcorder

Compatible with all analog
and DV video equipment

Compatible with all
Video Editing Systems



Canopus EDIUS

Vegas®

Pinnacle Liquid Edition™

Final Cut Pro®

Ulead® MediaStudio® Pro

Avid Xpress® DV

Windows Movie Maker

Adobe® Premiere® Pro

- > Front and rear input / output connectors ensure neat and simple cable connections, making ADVC the ideal breakout box for video editing systems
- > Stand-alone realtime video conversion operation without needing a computer
- > Windows and Mac OS compatible



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ADVC Selection Guide

ADVC50/55



ADVC100/110



ADVC300

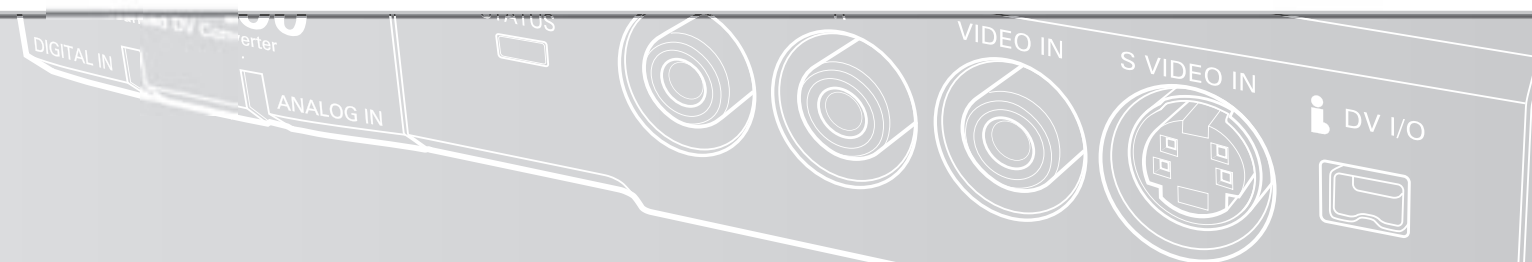


TwinPact 100



	Primary function	Analog-to-DV conversion	DV-to-analog conversion	Product form factor	Powerable with 6-pin FireWire	Power Supply Included	Analog input	Analog output	Digital input / output	Canopus's proprietary DV codec chip	Locked audio and video synchronization	Cleans and enhances analog video	On-screen graphics to analog video scan conversion	Compatible with Windows and Mac OS	No software drivers required	Compatible with DV capture devices that support OHCI	Color bar output	Audio-only conversion support	Component video output	Professional analog input functionality	Video auto gain control	3D Y/C separation	3D noise reduction	Line time base correction	Digital frame synchronization (LTBC)	Edge adjustment	Black expansion	White peak adjustment	Image controls	Audio controls
> Realtime analog-to-DV conversion	✓	✗	ADVC50 Internal Card/Bay ADVC55 External Device	ADVC 50 ✗ ADVC 55 ✓	✗	S-Video, Composite, Stereo RCA	N/A	ADVC50 4-pin, 6-pin FireWire ADVC55 6-pin FireWire	✓	✓	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	
> Realtime bidirectional analog/DV conversion	✓	✓	External Device	ADVC 100 ✗ ADVC 110 ✓	ADVC 100 ✓ ADVC 110 ✗	ADVC100 (Front & Rear) S-Video, Composite, Stereo RCA ADVC110 (Front only)	S-Video, Composite, Stereo RCA	4-pin, 6-pin FireWire	✓	✓	✗	✗	✓	✓	✓	✓	✓	ADVC 100 ✗ ADVC 110 ✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	
> Realtime bidirectional analog/DV conversion > Cleans, enhances and stabilizes old analog video	✓	✓	External Device	✗	✓	S-Video, Composite, Stereo RCA	S-Video, Composite, Stereo RCA, D1 Component	4-pin, 6-pin FireWire	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓	✓	NTSC Only	✓	✓	✓	✓	✓	✓	✓	✓	
> Realtime bidirectional analog/DV conversion > Cleans and enhances analog video > Scan converter	✓	✓	External Device	✗	✓	S-Video, Composite, Stereo RCA, 15-pin D-SUB VGA	S-Video, Composite, Stereo RCA, 15-pin D-SUB VGA (passthrough)	4-pin, 6-pin FireWire	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	NTSC Only	NTSC Only	✗	✗	✗	✗	✗	✗	✗	

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ADVC

Advanced Digital Video Converters

Broadcast-quality digital video converters

Canopus ADVC500 and ADVC1000 converters are designed for the broadcast studio and provide a peerless standard in quality and precision.

ADVC500 and ADVC1000 are compatible with all leading editing applications for Windows and Mac OS.



ADVC1000

ADVC1000 is a professional, high-quality bidirectional SDI/DV video converter. Featuring front-side controls and LCD display, analog video and unbalanced audio outputs for monitor preview, and a solid half 19-inch rackmount design, ADVC1000 is an ideal SDI in/out solution for any DV interface in a studio environment.

- > SDI and DV I/O - Digital audio I/O (AES/EBU) – Reference input
- > AV/C-to-RS422 device control conversion
- > Reference input and LTC input/output support
- > Supports up to four channels of embedded audio
- > Analog video and unbalanced audio output (for monitor preview)

DV/SDI conversion with PerfectSync (patent pending)

ADVC1000 is the first converter to provide perfect signal synchronization output with an external reference signal (a.k.a. "house" sync). Featuring original Canopus technology to control and synchronize the FireWire transfer rate with an external reference signal, ADVC1000 prevents skipped and duplicate frames and produces perfect conversion of all frames during DV-to-SDI conversion.



ADVC500

DV converter specialized for NLE

ADVC500 is a professional video converter, designed for use with broadcast equipment. Providing bidirectional analog/DV conversion, ADVC500 is a 19-inch breakout box featuring component video, composite, S-Video, balanced and unbalanced audio I/O. Supporting Windows and Mac OS, ADVC500 is an ideal component in/out solution for any DV interface.



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