

# DVRaptor RT

High-quality, Realtime DV Editing  
with Analog-out Preview

Realtime  
for Real Editors

DVRaptor RT brings the power and features of a realtime professional DV editing system into an affordable solution packed with the productivity tools and high performance only Canopus can deliver.

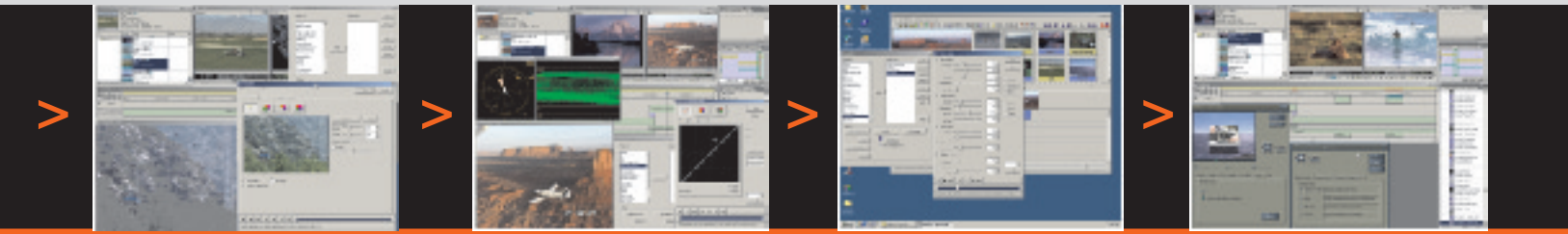


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# DVRaptor RT

## Specifications



### ◻ Chroma Key filter

Superior Chroma Key results with Canopus original processing.

### ◻ Color Correction filter

Realtime color correction in YUV/RGB mode with vectorscope/waveform monitoring.

### ◻ Old Movie filter

Multiple settings (noise, grain, dust, flicker) to apply film look to your video, etc.

### ◻ Xplode Basics

160 preset 3D transitions, with customizable settings.

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### ◻ 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

> **Most powerful realtime capabilities in its class**  
DVRaptor RT can process up to three video layers, plus extra moving title/graphics layers in realtime\* from Adobe Premiere 6.0 timeline.

> **Internal timeline processing in YUV 4:2:2**  
The internal video filter/title keying process is done in YUV 4:2:2, as opposed to RGB processing done in most editing systems. This results in superior output quality and excellent keying results.

> **23 DV-optimized realtime video filters**  
DVRaptor RT includes the highest-quality DV Chroma Key available, as well as Color Correction with realtime vectorscope and waveform monitoring.

### > High-quality 3D transitions with Xplode Basics and realtime 2D Canopus transitions

In addition to 15 types of realtime 2D transitions, such as Alpha Wipe, Dissolve, Push and Stretch that can be processed in realtime, DVRaptor RT also includes Xplode Basics, a high-quality 3D transition package with more than 160 customizable transition presets.

### > Advanced MPEG Encoding for VideoCD, DVD and Web Streaming

DVRaptor RT includes Canopus SoftMPG Encoder to deliver the high-quality MPEG-1 and MPEG-2 streams required by today's video professionals.

### ◻ Package Contents

- > DVRaptor RT PCI card
- > Installation CD-ROM
- > User Manual
- > IEEE 1394 DV Cable (4-pin - 4-pin)

### ◻ Software Included

- > Canopus DV Codec
- > Canopus RaptorVideo and Plug-ins for Adobe Premiere
- > Canopus Xplode Basics
- > SoftMPG Encoder and Web Video Wizard
- > Adobe Premiere 6.0\*  
\*if bundled

### ◻ Service and Support

- > Three-year parts and labor limited warranty



### ◻ Technical Specifications

#### Video Format

- > NTSC 720x480 at 29.97 frames/sec (CCIR 601), 5:1 DV compression, 3.6MB/s
- > PAL 720x576 at 25 frames/sec
- > Video overlay programmable NTSC and PAL video-in-a-window support on console @ 60/50 fields/sec
- > 16:9 support
- > DV and DVCAM support

#### Audio Format (Native DV)

- > 2 channel 48 kHz 16-bit
- > 2 channel 44.1 kHz 16-bit
- > 2 channel 32 kHz 16-bit

#### Connectors - Digital Video and Audio Input and Output

- > 1 x IEEE 1394 4-pin (i.Link, Firewire)

#### Analog Audio Output

- > 1 x Stereo out (RCA)

#### Analog Video Output

- > 1 x Composite out (RCA)
- > 1 x S-Video out (Mini DIN 4-pin)
- > NTSC and PAL

### ◻ Minimum System Requirements

- > Windows 98SE, Windows ME or Windows 2000
- > Intel Pentium III or AMD Athlon processor 700 MHz or higher
- > 256 MB RAM
- > CD-ROM drive
- > 1 free PCI slot
- > AV-rated video storage (10 MB/sec minimum sustained transfer)
- > 24-bit graphics card with hardware DirectDraw overlay and support for 1024x768 resolution