

EDIUS Edit Station

DESKTOP VERSION

Whether you need an EDIUS station for standalone application, in a networked storage environment, or as part of an Aurora Tapeless HD Production Suite, EDIUS Edit Stations provide the performance, I/O options, and accessories you need.



Shown with optional monitor.

The Grass Valley™ EDIUS® Edit Stations are superb standalone craft editors. They are also a perfect complement to any tapeless production solution, which touches the entire production process, from acquisition, ingest, and media browsing to nonlinear editing, craft editing, and automated playout. And they support our Infinity™ series of products for EFP and ENG tasks.

Each EDIUS Edit Station is designed to support the real-time editing of all popular high and standard-definition (HD and SD) formats including Canopus® HQ, Canopus Lossless, DV, DVCAM, HDV, DVCPRO, MPEG-2, and uncompressed video while also supporting file-based formats such as Infinity JPEG 2000, P2, VariCam, XDCAM, and Ikegami GFCAM.

EDIUS Edit Station – Cost-Effective Platform for Any Workflow

Designed for those working in today's digital formats, the EDIUS Edit Station makes transitioning between SD and HD workflows affordable for production facilities of any size. It can work in a network with other EDIUS Edit Stations, or it can stand alone as a powerful-yet-affordable craft-editing system.

With optional add-ons for additional capability, performance, and usability, the EDIUS Edit Station is a cost-effective platform that lets you put a workstation on the desk of every editor who needs one. The EDIUS Edit Stations offers a wide variety of I/O options to suit your ingest and playout needs. It supports the FIRECODER® Intra accelerator for encoding into the AVC-Intra format and a number of optional accessories such as monitors, editing keyboards, and Shuttle Pro.

The EDIUS Edit Station is configurable with one or two 22-, 24-, or 30-inch LCD monitors (optional) and comes with a keyboard, mouse, and internal storage—everything you need to get up and running.

Format-Independent Craft Editing

The heart of the EDIUS platform, like that of each EDIUS Edit Station, is a combination of high-performance hardware and nonlinear editing software. This combination provides a true, real-time editing experience—one that's perfect for advanced craft editing involving multiple formats, layers, camera shots, and complex nested sequences.

With an EDIUS Edit Station, you can mix SD and HD assets in the same timeline, making it perfect for documentaries, commercials, interstitials, and other complex or long-form craft editing projects, regardless of the source or output format.

KEY FEATURES

- Real-time, mixed-format editing of HD, HDV, AVCHD, DV, MPEG-2, uncompressed, and lossless SD video with EDIUS software
- EDIUS software supports Infinity JPEG 2000, P2, VariCam, Ikegami GigaFlash, MXF, and XDCAM formats
- High-quality digital I/O for DV and HDV
- Fast, flexible user interface, with unlimited video, audio, title, and graphics tracks
- Real-time effects, keyers, transitions, and titles with new GPUfx GPU-accelerated 3D transitions
- Real-time conversion of different aspect ratios (including 16:9 to 4:3), frame rates, and resolutions (including NTSC to PAL)
- Direct to Blu-ray disc and DVD timeline export
- High-value software bundle includes filters, effects, image stabilization, VST audio plug-ins, and DVD and Blu-ray authoring
- A rich set of I/O options, transcode accelerators, and accessories to choose from
- Grass Valley video editing hardware and software delivered within a robust, high-performance, turnkey workstation

PRODUCT DATA SHEET

Player/Recorder Monitor View

Player side controls capture and source trimming. Recorder side controls timeline operation and trimming.



Jog/Shuttle Control

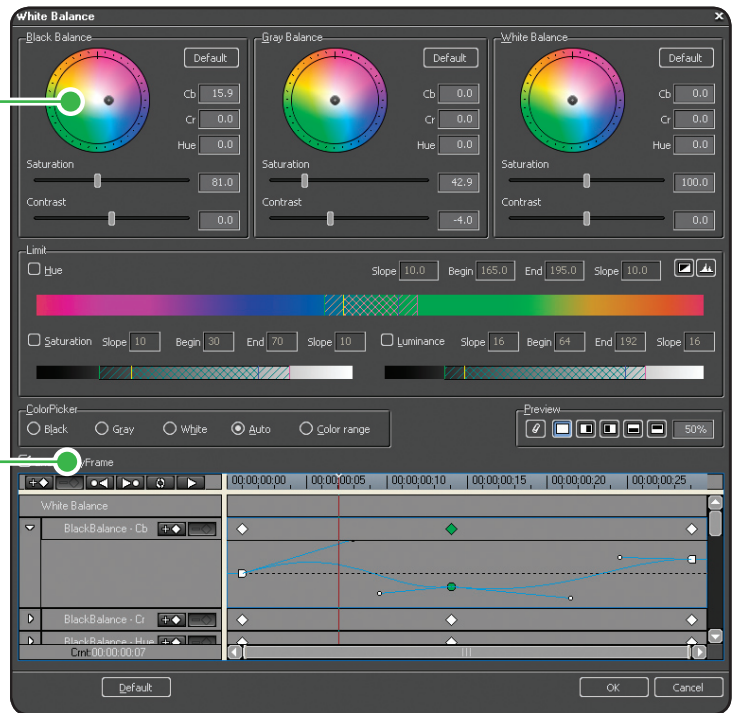
Jog/shuttle control via slider, mouse scroll-wheel, or mouse motion.

Unlimited Video, Audio, and Title Tracks

Edit with unlimited video, audio, and title tracks.

Real-Time Color Correction

Use real-time color correction with an interactive split-screen display and secondary controls. Stack multiple filters for even greater control.



Keyframeable Color Correction

Color correction filters are keyframeable for precise, subtle changes over time.

Unsurpassed Image Quality and Performance

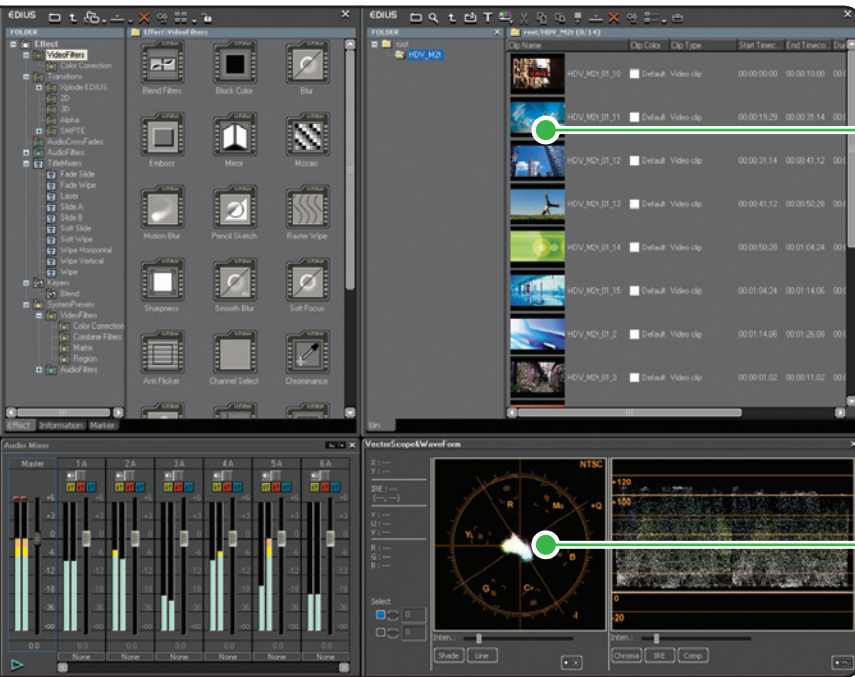
EDIUS software features the revolutionary Canopus HQ codec. Designed with scalable technology, this innovative codec offers the highest image quality and performance available in any HD editing platform. The Canopus HQ codec not only provides superior luma and chroma sampling of HD video, but features an adjustable bit rate for increased video quality when capturing and encoding on high-performance systems.

Flexible Bin Structure

Organize, search, and manage assets with folders and dynamic search results.

Real-Time Audio Mixer and Waveform/Vectorscope

Use the real-time audio mixer for audio adjustments and the real-time waveform/vectorscope to ensure legal output.



GPU-Accelerated 3D Transitions

Harness the power of your graphics card to create real-time, stunning quality transition effects in SD and HD, featuring uniquely native YUV 4:2:2 processing for improved image quality and performance. Using the GPU as an additional, parallel source of computation means that the CPU does not become a bottleneck.

Tapeless Workflow Support

Support for tapeless workflows with metadata preservation for modern file-based production.



Superior Integration for Tapeless Workflows

EDIUS software provides excellent support for today's tapeless digital workflows including those that use Grass Valley K2 media server/media client systems, as well as Panasonic P2 and VariCam, Sony XDCAM, Ikegami GigaFlash, and popular direct-to-edit (DTE) devices. It doesn't matter whether assets come from tape, disk, network, or a mixture of them all, with EDIUS software, you spend less time worrying—and less time editing, too.

SPECIFICATIONS

Video Formats

- Canopus HQ
- Canopus Lossless
- Canopus DV
- DVCPRO 50
- DVCPRO HD
- HDV
- Ikegami GFCAM
- Infinity JPEG 2000
- Microsoft DV
- MPEG-1
- MPEG-2 program stream, elementary stream, transport stream (SD and HD)
- P2 (SD and HD)
- VariCam
- QuickTime (including DV, DVCPRO HD)
- XDCAM (SD and HD)
- Uncompressed
- Windows Media

Digital Input/Output

- Standard definition: DV, DVCAM, Infinity, P2, XDCAM
- High definition: HDV, Infinity, P2, XDCAM, Ikegami GFCAM
- 2 x FireWire (IEEE 1394a)

Device Control

DV/HDV AV/C control over FireWire (IEEE 1394a)

Additional Input/Output and Device Control

Depends on choice of I/O hardware and other options. See individual data sheets for:

- HDSPARK™
- HDSPARK Pro
- HDSTORM Plus
- HDTHUNDER™
- EDIUS SP-SDI
- EDIUS HD
- FIRECODER Blu (not available with the EDIUS HD I/O option)
- FIRECODER Intra

System Configuration

- Operating system:
 - Windows XP Professional
- Workstation: HP Z800 (or Dell Precision T7500 when ordering the EDIUS HD I/O option)
- CPU:
 - Intel Xeon 5550 2.66 GHz, quad core
- System Drive:
 - 250 GB SATA
- Memory: 3 GB
- Storage:
 - 1 TB of SATA (500 GB x 2, RAID 0) storage (12 hours of HQ (HD) @ 140 Mb/s, 66 hours of DV/HDV @ 25 Mb/s, 12 hours of uncompressed SD, 16 hours of DVCPRO HD)*
 - Blu-ray drive
- Graphics: nVidia GeForce 9600 GT 512 MB
- Connectivity: 7 x USB 2.0, 2 x FireWire (IEEE 1394a), 2 x 1 Gb Ethernet

Service & Support

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

Note: System configuration is subject to change without notice. Monitors and other accessories not included with base system – available separately.

* Storage time capacity depends on compression method used, if any.

ORDERING INFORMATION

EDIUS-TK-BASE

EDIUS Edit Station for all I/O Options Except EDIUS HD

EDIUS-TK-BASE2

EDIUS Edit Station for the EDIUS HD I/O Option

Turnkey I/O Options

EDIUS-TK-NOIO

Add this item for EDIUS Software-only Turnkey Systems

EDIUS-TK-SPARK

EDIUS HDSPARK board for Turnkey Systems

EDIUS-TK-SPARKPRO

EDIUS HDSPARK Pro board for Turnkey Systems

EDIUS-TK-STORMPLUS

EDIUS HDSTORM Plus board for Turnkey Systems

EDIUS-TK-THUNDER

EDIUS HDTHUNDER board for Turnkey Systems

EDIUS-TK-SPSDI

EDIUS SP-SDI I/O boards (3 boards + multi cable), for Turnkey Systems

EDIUS-TK-SPSDI-BX

EDIUS SP-SDI I/O boards (3 boards + multi cable) + External Break Out Box, for Turnkey Systems

EDIUS-TK-HD

EDIUS HD board + Break Out Box (HDBX 1000), for Turnkey Systems

Additional Options

603064

FIRECODER Blu – Encoder Board for Blu-ray (not available with EDIUS-TK-BASE2/EDIUS HD systems)

613063

FIRECODER Intra – Encoder Board for AVC-Intra

601015

Aurora-EDIUS-SYS 5.1 System Option to Integrate EDIUS 5.1 into an Aurora™ System

616309

GXF Exporter for EDIUS

606300

VTR Emulation for EDIUS

Accessories

EDIUS-22-MONITOR

EDIUS Turnkey 22" Widescreen Monitor

EDIUS-24-MONITOR

EDIUS Turnkey 24" Widescreen Monitor

EDIUS-30-MONITOR

EDIUS Turnkey 30" Widescreen Monitor

EDIUS-KB-EN

EDIUS Keyboard (US English) option for GV Turnkey

EDIUS-KB-DE

EDIUS Keyboard (German) option for GV Turnkey

EDIUS-KB-FR

EDIUS Keyboard (French) option for GV Turnkey

MFS-SPR01

ShuttlePro option for EDIUS Edit Stations

PROFESSIONAL SERVICES

Our professional services offerings ensure optimal system performance and maximize uptime. These services include call centers staffed around the clock; system planning, design, and commissioning; professional training courses; and technical maintenance programs and service agreements.

www.grassvalley.com/support

