

HDWS 4K3 Elite/4K3 (APAC Only)

EDIUS Workgroup 9 Turnkey 4K UHD/4K DCI Nonlinear Editing Workstation



The HDWS 4K3 Elite and 4K3 are high-performance, rack-mountable workstations for 1080p, 4K UHD and 4K DCI editing, with 6 TB (RAID-50) data storage, dual 36/24-core CPUs and redundant power supplies, without software conflicts or hardware glitches. This EDIUS turnkey system is now available for the APAC region outside of Japan.

For nonlinear editing up to and including 4K UHD formats, the EDIUS Workgroup 9 HDWS 4K3 Elite/4K3 turnkey systems from Grass Valley, a Belden Brand, are now available for the APAC region outside of Japan.

The HDWS series has been shipping in Japan for more than a decade, and is well known for their stable performance and quality. Equipped with custom-designed silent cooling fans and a dual power source, HDWS 4K3 Elite/4K3 are perfect for production house and for broadcast station use.

EDIUS turnkey systems provide users with the best out-of-box experience, directly from Grass Valley, without software conflicts or hardware glitches. The high-performance, rack-mountable workstations for SD, HD, 4K UHD and 4K DCI editing meet the highest expectations of even the most demanding workflows, for broadcasters and media companies. Grass Valley also provides optional commissioning, training and support beyond the initial 15-month (defects in materials and workmanship) warranty period.

HDWS 4K3 Elite (SSD)	HDWS 4K3 (HDD)
Dual configuration Xeon Processor (36-core/72-thread)	Dual configuration Xeon Processor (24-core/48-thread)
6 TB SSD storage, RAID-50	6 TB HDD storage, RAID-50

HDWS 4K3 Elite/4K3 EDIUS Workgroup 9 Turnkey 4K UHD/4K DCI Nonlinear Editing Workstation

KEY FEATURES

Overview

- Dual configuration Xeon Processor (36-core in HDWS 4K3 Elite / 24-core in HDWS 4K3), 96 GB RAM
- Large-scaled storage (6 TB, RAID-50)
- 64-bit Windows 10 Enterprise 64-bit and EDIUS Workgroup 9
- Multiple memory card devices (SxS/SD/CF card/2.5" SSD) and interfaces (Thunderbolt 3.0, USB 3.0, USB 3.1)
- Grass Valley original chassis and fans for easy maintenance and quiet cooling
- Grass Valley hardware with HD-SDI input/output pre-installed
- 4K UHD preview board mounted (For 4K UHD and 4K DCI)

Main Functions for Video Editing with Pre-installed EDIUS Workgroup 9

- Support for latest 4K codecs including XAVC (Intra/Long GOP), XAVC S, AVC-Ultra, XF-AVC and 1D C Motion JPEG
- Adaptable for various resolutions from 24x24 to 4K DCI. Available to edit several original videos including different frame rates in the same timeline in real time
- Flexibility for many kinds of formats, including XDCAM, P2, GF, XF, CMF (K2 files), AVCHD, MXF, etc. without transcoding
- Connects easily with GV STRATUS and K2 media servers and storage systems

SPECIFICATIONS

CPU

Dual configuration Xeon processor
HDWS 4K3 Elite: 36-core
HDWS 4K3: 24-core

Memory

96 GB

Storage (System)

240 GB (240 GB SSD x 2 / RAID-1)

Storage (Data)

HDWS 4K3 Elite: 6 TB (1 TB SSD x 8, RAID-50)
HDWS 4K3: 6 TB (1 TB HDD x 8, RAID-50)

PSU

Redundant power supply (800W)

4K UHD/DCI Output

3G-SDI x 4, mini HDMI 2.0 Level B x 1

SD/HD I/O

3G-SDI in x 1
3G-SDI out x 1
Mini HDMI out x 1

Optical Drive

Blu-ray R/W drive x 1

Memory Card

SxS x 1
SD (SD x 1 / UHS-II x1)
Compact Flash x 1
2.5 inch SSD x 1

Display

DisplayPort x 4 (DVI adapter x 1 attached)

Other Interfaces

Ethernet port (10Base-T / 100Base-TX / 1000Base-T) x 2
USB 3.0 x 7
USB 3.1 x 2
Thunderbolt-3 x 1

EDIUS Version

EDIUS Workgroup 9

Operation System

Microsoft Windows 10, Enterprise 64-bit

Dimensions

430 (W) x 625 (D) x 176 (H) mm (16.93 x 24.61 x 6.93 in.) (not including rubber feet and protrusion)

Rack Mounting

4 RU

Weight

Approx. 22.0 kg (48.5 lbs.)



ORDERING

HDWS-4K3-Elite/HDWS-4K3

EDIUS Turnkey Editing System: English model. For APAC region only.

EDIUS-SP

On-site StartPRO Commissioning for EDIUS turnkey systems which includes a multipoint review check list, a brief product overview and check of control interfaces.

EDIUS-OST

Three (3) day operational on-site training course for EDIUS, delivering maximum value from Grass Valley products and solutions.

EDIUSTurn-BSA-1YR

One (1) year GV Care Basic Support Agreement for superior quality service and support beyond the initial warranty period.



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