3G/HD/SD Video Switcher
HVS-490 “HANABI”

HANABI

3G/HD/SD Video Switcher
HVS-490
HANABI
Our newest production switcher leverages the creative power of the HANABI series.

The HVS-490 switcher inherits key technology of the HVS-2000 and HVS-390HS, while opening the door to even more affordable 4K production. Exclusive MELite™ technology extends the switcher’s 2 M/Es to offer 6 M/E performance.*1 Expand your switching capabilities even more by assigning FLEXaKEY™ or feature rich 2.5D DVE, for compositing with up to 12 keyers. Take advantage of this truly broad range of switching in live production.

*1 Using an optional HVS-49IO card. In 4K mode, 1 M/E + 1 MELite is available.
Highlights

1. **MELite™**

   MELite expands the capabilities of AUX transitions. With an AUX bus, users can preview transitions before executing them, and enjoy the same control over AUX output as for PGM or PST. Two MELites are provided, and an optional HVS-49IO card brings the total to four. Assigning FLEXaKEY to an MELite expands the system, adding the equivalent of two M/E buses to the standard two Full M/E’s and bringing the total available to four. 4-6 M/E performance is possible in this 2 M/E switcher.

   - Preview output from an AUX bus when applying transitions (cut, mix, or wipe) or keying. This ground-breaking technology makes sure your production is ready for virtually any request.
   - For greater impact and more sophisticated switching, MELite can be assigned before M/E buses.
   - Any M/E can be assigned to multiple on stage monitors for independent background transitions and graphics transitions all from the same control panel.

2. **FLEXaKEY™**

   Special FLEXaKEY keyers are designed for flexible reassignment. The four FLEXaKEYs provided operate separately from standard keyers of the full M/E buses. Easy keying of four different FLEXaKEYs in any AUX bus is another feature that enables impressive performances beyond the reach of conventional switchers.

   - Quad FLEXaKEY system can be freely assigned to M/E or AUX buses. Combine up to eight keyers for an M/E bus (4 keyers + 4 FLEXaKEYs).
   - P-in-P display is possible using an AUX bus, and assigning FLEXaKEY to an MELite enables use as an upstream key.
   - FLEXaKEY can also be applied to create a multi-monitor video wall with a single HVS-490.

Sophisticated performances using MELite and FLEXaKEY

3. **DVEs**

   Choose from cut, mix, or wipe transitions. In addition to 100 wipe patterns, the switcher offers 16 useful 2.5D DVE wipes such as rotate, perspective and reposition. Other rich effects include mosaic, posterization, pseudo color and defocus are also provided.

4. **Extensive input/output**

   16 video inputs are provided, expandable to 40, along with 9 video outputs (including 1 HDMI port) that are expandable to 22 (including 2 HDMI ports). For 4K*, 8 to 10 inputs and 6 to 7 (including 2 HDMI ports) outputs (expandable to 7) are provided. See “Options” for details on expansion cards.

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*4 HVS-49IO and HVS-49EXP4K are required for supporting 4K.
Standard multi viewer output

The HVS-490 provides three displays (two displays in SD mode) of multi viewer output, each supporting up to 16-split display in 4K 2SI mode and up to 4-split display in 4K SQD mode. More than 10 screen layouts each are available. This provides an optimal monitoring environment for both the main operator and other users. 4K output is supported via HDMI 2.0 Level B. Monitor four images on one screen via HDMI outputs.

AES digital audio I/O (optional*)

Offers ability to demultiplex AES audio from video/clip input and multiplex AES audio into video output. Use an internal sampling rate converter to sync audio input to the system.

*5 With HVS-49AES expansion card

2SI/SQD 4K mode (optional*)

The switcher processes 4K video from the quad 3G-SDI output of 4K cameras in 2SI (2-sample interleave) or SQD (square division) format.

*6 With HVS-49EXP4K software and HVS-49IO card

Example of 4K system configuration

The HVS-490 was designed with future 4K upgrading in mind. By adding optional expansion cards, it provides up to 10 4K inputs and 6 outputs or 8 4K inputs and 7 outputs. What’s more, unique use of AUX buses enables a 4K switcher to have the equivalent of 1-1.5 M/E features.
Applications

**Live staging**

The HVS-490 has an incredibly powerful feature set that makes it ideal for live staging and event applications where systems must be set up quickly and temporarily. Event memory and macro functions make it easier to prepare for performances. MELite eliminates the need to have several switchers ready for multi-monitor staging, greatly reducing the equipment required. It’s essential to keep production simple and easy to prevent mistakes and help operators focus on staging.

**Mobile OB and Up-Link production trucks**

With its robust feature set, the HVS-490 is perfect for small mobile video production or Up-Link where space is limited. The HVS-490 switcher offers a rich feature set perfect for live or recorded production. With integrated frame synchronizers and multi viewer, the HVS-490 can reduce the amount of equipment required in the truck. Using multiple FOR-A control panels, the system can also provide an environment for several operators each in charge of separate tasks - for example one for the main event and a second for a web cut of the same event.

**Full-featured control**

- **Frame Synchronizer**
  
  Every input in the HVS-490 is outfitted with frame synchronizers that enable switching of synchronous and asynchronous video signals. Installation of optional expansion cards supports asynchronous input signals from PCs, etc. Each input is also equipped with a process amplifier capable of adjusting the video level, chroma level, and hue of the input signal.

- **Re-sizing Engine**

  Up re-sizing feature is provided on 4 of the standard inputs. This achieves a fully mixed SD/HD environment with the HVS-490. This is ideally suited for re-sizing not only SD signals but also PC video.\(^7\)

  \(^7\) With HVS-100PCI PC input card

- **Audio playback support**

  Available during Graphic-Wipe transitions is the ability to play back audio with video in the internal media players and integrate sound effects.

- **External Interfaces**

  Plentiful interfaces include GPI IN (19 inputs), GPI IN/TALLY OUT (22 outputs), Alarm output (cooling fan, power), RS-422 (for editing or other interfaces), and Ethernet (for control from a computer). GPI ports on the operation unit also support up to 6 inputs and 6 outputs.

- **Macro Function**

  A macro function enables you to store and register a series of operations and then perform complicated operations with one push of a button.
Still/Clip Stores
Load video input signals or PGM output signals as stills, or import data (either stills or clips with up to 440 frames) created on a computer for use as wipes. Stills and clips are loaded from a control panel and computer. Using the backup feature, you can also save stills or clips to an optional SSD in the switcher to load the data when the HVS-490 is restarted.

Keyer
For HD input, 2.5D DVEs can be assigned to all four keyers of each M/E and all four FLEXaKEYs. The four chroma keys provided can also be assigned to each keyer or FLEXaKEY. Edge effects (configurable up to 8h) are also available for each keyer as a standard feature.

GUI Control Function
Thanks to a built-in Web server, the HVS-490 can be controlled from a computer connected via Ethernet. Settings can also be adjusted from mobile devices connected via Wi-Fi to a local access point.

Event Memory/User Button
Up to 100 registers of control panel configurations can be stored as events. Event memories can be recalled easily from the user buttons on the control panels and remote control panels. Operators can freely set the transition durations and effects. By storing events in advance, operators can use event memories to make performances more exciting and expressive, simply by pressing buttons during the event. And because a variety of HVS-490 functions can be freely assigned to user buttons, operators can customize control panels as they wish.

Color Corrector Function
4 color correctors are available per M/E.

Sequence Function
Up to 30 patterns can be registered.

Convenient Control Panels
Choose from HVS-491OU, HVS-492ROU, HVS-492OU or HVS-492WOU panels to suit your applications. Advantages include enhanced usability and accurate control through customizable RGB button lights assigned to specific video material or button functions, an OLED display for material, a 7-inch touch panel, source and macro name display, and more. Direct input via a three-axis (XYZ) joystick, menu control knobs, and a keypad. A range of functions can also be assigned to user buttons in convenient locations on the control panel. Use an SD card to load or save configuration files and stills. Remote setup, control, and previews are possible via the switcher’s internal Web server.

4 Still/Clip Stores
Load video input signals or PGM output signals as stills, or import data (either stills or clips with up to 440 frames) created on a computer for use as wipes. Stills and clips are loaded from a control panel and computer. Using the backup feature, you can also save stills or clips to an optional SSD in the switcher to load the data when the HVS-490 is restarted.

* JPEG, TGA, and BMP supported
### Options

**Software**

<table>
<thead>
<tr>
<th>Software</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVS-49EXP4K</td>
<td>4K Expansion Software. Adds support for 4K (3840 x 2160/59.94p, 50p, 25/50p) input and output.*10</td>
</tr>
<tr>
<td>HVS-49ED</td>
<td>Editor Interface Software. Adds support for protocols used for editing on other video systems (BVS/DVS, GVG).</td>
</tr>
<tr>
<td>HVS-49SD</td>
<td>SD Expansion Software. Adds support for SD (625/50i, 525/60i) signals.</td>
</tr>
</tbody>
</table>

*10 HVS-49IO is required.

**Expansion cards**

<table>
<thead>
<tr>
<th>Expansion Card</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVS-49IO</td>
<td>3G/HD-SDI Input/Output, HDMI Output Card. 16 3G/HD-SDI inputs, 8 outputs, and 1 HDMI output are possible with a single card. A frame synchronizer function for all inputs and re-sizing (expansion) function for 4 inputs are provided. SD images can be processed internally as HD images. Compatible with both Level A and B signal input when 3G-SDI signals are supplied. (Level B signals are automatically converted to Level A.)</td>
</tr>
<tr>
<td>HVS-100TB2</td>
<td>Thunderbolt™ Expansion Card. 4 channels of full HD input and output can be transferred by a single card. *11 Simultaneously transfers video, audio, and control signals.</td>
</tr>
<tr>
<td>HVS-100DI-A</td>
<td>3G/HD/SD*-SDI Input Card. 4 channels of 3G/HD/SD-SDI input are possible with a single card. A frame synchronizer function for all inputs and re-sizing (expansion) function for 2 inputs are provided. Compatible with both Level A and B signal input when 3G-SDI signals are supplied. (Level B signals are automatically converted to Level A.)</td>
</tr>
<tr>
<td>HVS-100DO</td>
<td>3G/HD/SD-SDI Output Card. 2 channels of 3G/HD/SD-SDI output are possible with a single card. As down-converters are provided for all outputs, HD and SD images can simultaneously be output.</td>
</tr>
<tr>
<td>HVS-100AI</td>
<td>Analog Video Input Card. 2 channels of analog video signal input are possible with a single card. Input terminal 2 is a dedicated connector (conversion connector supplied). The user can select between analog composite and analog component (HD or SD*) input for each input terminal.</td>
</tr>
<tr>
<td>HVS-100AO</td>
<td>Analog Video Output Card. 2 channels of analog video signal input are possible with a single card. Output terminal 2 is a dedicated connector (conversion connector supplied). The user can select between analog composite and analog component (HD or SD*) output for each output terminal.</td>
</tr>
</tbody>
</table>

*12 HVS-49SD is required.
### Resolutions supported by input cards

<table>
<thead>
<tr>
<th>HD mode*13</th>
<th>1080/59.94p</th>
<th>1024 x 768/60Hz (XGA), 1280 x 1024/60Hz (SXGA), 1280 x 768/60Hz (WXGA), 1600 x 1200/60Hz (UXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/59.94p (HDTV)</th>
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<tbody>
<tr>
<td>1080/50p</td>
<td>1024 x 768/60Hz (XGA)*14, 1280 x 1024/60Hz (SXGA)*14, 1280 x 768/60Hz (WXGA)*14, 1600 x 1200/60Hz (UXGA)*14, 1920 x 1200/60Hz (WUXGA)*14, 1920 x 1080/50p (HDTV)</td>
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<tr>
<td>1080/29.97p</td>
<td>1920 x 1080/29.97p (HDTV)</td>
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<tr>
<td>1080/25p</td>
<td>1920 x 1080/25p (HDTV)</td>
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<tr>
<td>1080/24p</td>
<td>1920 x 1080/24p (HDTV)</td>
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<tr>
<td>1080/23.98p</td>
<td>1920 x 1080/23.98p (HDTV)</td>
<td></td>
</tr>
<tr>
<td>1080/59.94i</td>
<td>1024 x 768/60Hz (XGA), 1280 x 1024/60Hz (SXGA), 1280 x 768/60Hz (WXGA), 1600 x 1200/60Hz (UXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/50i (HDMI)</td>
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</tr>
<tr>
<td>1080/50i</td>
<td>1024 x 768/60Hz (XGA)*14, 1280 x 1024/60Hz (SXGA)*14, 1280 x 768/60Hz (WXGA)*14, 1600 x 1200/60Hz (UXGA)*14, 1920 x 1200/60Hz (WUXGA)*14, 1920 x 1080/50i (HDMI)</td>
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<tr>
<td>1080/29.97PsF</td>
<td>1024 x 768/60Hz (XGA), 1280 x 1024/60Hz (SXGA), 1280 x 768/60Hz (WXGA), 1600 x 1200/60Hz (UXGA), 1920 x 1200/29.97PsF (HDMI)</td>
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<tr>
<td>1080/25PsF</td>
<td>1024 x 768/60Hz (XGA)*14, 1280 x 1024/60Hz (SXGA)*14, 1280 x 768/60Hz (WXGA)*14, 1600 x 1200/60Hz (UXGA)*14, 1920 x 1200/25PsF (HDMI)</td>
<td></td>
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<tr>
<td>720/59.94p</td>
<td>1024 x 768/60Hz (XGA), 1280 x 1024/60Hz (SXGA), 1280 x 768/60Hz (WXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/59.94p (HDTV)</td>
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<tr>
<td>720/50p</td>
<td>1024 x 768/60Hz (XGA)*14, 1280 x 1024/60Hz (SXGA)*14, 1280 x 768/60Hz (WXGA)*14, 1920 x 1200/50p (HDTV)</td>
<td></td>
</tr>
<tr>
<td>SD mode</td>
<td>625/50i</td>
<td>640 x 480/60Hz (VGA)*14, 800 x 600/60Hz (SVGA)*14, 1024 x 768/60Hz (XGA)*14, 720 x 576/50i (SDTV, PAL)</td>
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<tr>
<td></td>
<td>525/60i</td>
<td>640 x 480/60Hz (VGA), 800 x 600/60Hz (SVGA), 1024 x 768/60Hz (XGA, 720 x 480/60i (SDTV, NTSC)</td>
</tr>
</tbody>
</table>

*13 HDCP-incompatible  
*14 Distortion occurs with 25 or 50 fps source video at a refresh rate of 60 Hz.

### Resolutions supported by output cards

<table>
<thead>
<tr>
<th>HD mode*13</th>
<th>1080/59.94p</th>
<th>1280 x 1024/60Hz (SXGA)*14, 1600 x 1200/60Hz (UXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/59.94p (HDTV)</th>
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</thead>
<tbody>
<tr>
<td>1080/50p</td>
<td>1280 x 1024/60Hz (SXGA)*14, 1600 x 1200/60Hz (UXGA)*14, 1680 x 1050/60Hz (WSXGA)*14, 1920 x 1200/60Hz (WUXGA)*14, 1920 x 1080/50p (HDTV)</td>
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<tr>
<td>1080/29.97p</td>
<td>1280 x 1024/60Hz (SXGA), 1600 x 1200/60Hz (UXGA), 1680 x 1050/60Hz (WSXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/29.97p (HDTV)</td>
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<tr>
<td>1080/25p</td>
<td>1280 x 1024/60Hz (SXGA)*14, 1600 x 1200/60Hz (UXGA)*14, 1680 x 1050/60Hz (WSXGA)*14, 1920 x 1200/60Hz (WUXGA)*14, 1920 x 1080/25p (HDTV)</td>
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<tr>
<td>1080/24p</td>
<td>1920 x 1080/24p (HDTV)</td>
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<tr>
<td>1080/23.98p</td>
<td>1920 x 1080/23.98p (HDTV)</td>
<td></td>
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<tr>
<td>1080/59.94i</td>
<td>1280 x 1024/60Hz (SXGA), 1600 x 1200/60Hz (UXGA), 1680 x 1050/60Hz (WSXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/59.94i (HDTV)</td>
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<tr>
<td>1080/50i</td>
<td>1280 x 1024/50Hz (SXGA), 1280 x 1024/60Hz (SXGA), 1600 x 1200/50Hz (UXGA), 1600 x 1200/60Hz (UXGA), 1680 x 1050/50Hz (WSXGA), 1680 x 1050/60Hz (WSXGA), 1920 x 1200/50Hz (WUXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/50i (HDTV)</td>
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</tr>
<tr>
<td>1080/29.97PsF</td>
<td>1280 x 1024/60Hz (SXGA), 1600 x 1200/60Hz (UXGA), 1680 x 1050/60Hz (WSXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/29.97PsF (HDTV)</td>
<td></td>
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<tr>
<td>1080/25PsF</td>
<td>1280 x 1024/50Hz (SXGA), 1280 x 1024/60Hz (SXGA), 1600 x 1200/50Hz (UXGA), 1600 x 1200/60Hz (UXGA), 1680 x 1050/50Hz (WSXGA), 1680 x 1050/60Hz (WSXGA), 1920 x 1200/50Hz (WUXGA), 1920 x 1200/60Hz (WUXGA), 1920 x 1080/50i (HDTV)</td>
<td></td>
</tr>
<tr>
<td>SD mode</td>
<td>625/50i</td>
<td>480 x 600/50Hz (SVGA), 800 x 600/60Hz (SVGA)*14, 1280 x 768/60Hz (WXGA), 1920 x 1080/59.94p (HDTV)</td>
</tr>
<tr>
<td></td>
<td>525/60i</td>
<td>480 x 600/60Hz (SVGA), 720 x 480/60i (SDTV, NTSC)</td>
</tr>
</tbody>
</table>
HVS-49AES  
Digital Audio I/O Card
Supports 4 lines (8 channels) of balanced or unbalanced audio input and output.

HVS-49DVE  
2.5D DVE Expansion Card
Supports 8 channels of DVE output as standard at 1080/59.94p, 50p. With a single card, DVEs are available for all keyers and FLEXaKEYs when 1080/59.94p, 50p and 4K formats are used.

Other options

HVS-AUX16B/AUX16D  
Tabletop AUX Remote Control Panel
16-button tabletop AUX remote control panel.

HVS-AUX16C
16-button model with display

HVS-49SSD240G  
SSD Expansion Option
SSD for storing stills and clips.

HVS-TALR20/32  
Tally Interface Unit
Connect up to three of the following half-rack tally units to a single HVS-490.
- HVS-TALOC32: Open-collector, 32 contacts
- HVS-TALR32: Relay, 32 contacts

HVS-AUX16A/AUX16C/AUX32A/AUX64A  
AUX Remote Control Panel
16- and 32-button models are 1U size, and 64-button models are 2U. Up to 10 AUX units can be connected via Ethernet. Greatly expand switcher versatility by assigning AUX source previews or a variety of functions to each button.

HVS-49PSM/49PSO  
Redundant Power Supply Unit
HVS-49PSM provides a redundant power supply for HVS-490. HVS-49PSO is available for HVS-491OU, HVS-492ROU, HVS-492OU or HVS-492WOU.

External view

HVS-490
Unit: mm
Front
Rear
Side
Specifications

M/E buses
2 M/E (HD/SD), 1 M/E (4K UHD)

Control panels
HVS-491OU: 1 M/E 12 buttons
HVS-492OU: 2 M/E 18 buttons
HVS-492OU: 2 M/E 12 buttons

Video formats (optional)
HVS-493/43FX: 2160/59.94p, 2160/50p (Level-A, 2SI, SQD)
2160/29.97p, 2160/25p, 2160/23.98p (Level-B), 2SI, SQD)
2160/59.94, 2160/50, (Level-A)

HVS-493D: 5G-SDI (SMPTE 2022), 6G-SDI (SMPTE 2022)

Video inputs
HVS-493D: SDI, HD-SDI, 4K UHD-SDI

Video outputs (optional)
HVS-493D: SDI, HD-SDI, 4K UHD-SDI

HVS-100CI-A
HVS-100CI-A: SDI, HD-SDI, 4K UHD-SDI

HVS-100CI-A: SDI, HD-SDI, 4K UHD-SDI

HVS-100CI-A: SDI, HD-SDI, 4K UHD-SDI

HVS-100AO
HVS-100AO: Video format: 5G-SDI (SMPTE 2022), 6G-SDI (SMPTE 2022)

HVS-100AO: Video format: 5G-SDI (SMPTE 2022), 6G-SDI (SMPTE 2022)

Number of video inputs
Standard: 18 (SDI only), Max.: 40 (varies depending on optional configuration)

Number of video outputs
Standard: 9 (SDI x 8 + HDMI x 1, Max.: 22 (varies depending on optional configuration)

AUX
Standard: 8, Max.: 12 * Effect transitions available for all AUX signal changes

Processing
4:2:2, digital component

Quantization
3G-SDI: 59.94p, 59.94p

Multi viewer
Horizontal: 1/2H to +1/2H

Process equipment
Equipped with all inputs

Still/clip store
4 channels (stores up to 1796 frames at 1080i)

Video I/O delay
1 to 2 frames + Minimum delay (when FS or input re-sizing engine plus DVE used)

Genlock output
I/O: D-sub 25-pin x 1 (stereo x 4, 8 channels), 110Ω, balanced, input: 32/44.1/48 kHz, output: 48 kHz, 24-bit

Genlock input
RGB: SXGA to WUXGA/HDTV (1080i, 1080/59.94p, 50p, 29.97p, 25p, 24, 23.98p), DVE to WXGA/HDTV (1725p)

Genlock input
RGB: SXGA to WUXGA/HDTV (1080i, 1080/59.94p, 50p, 29.97p, 25p, 24, 23.98p), DVE to WXGA/HDTV (1725p)

System phase adjustment
Horizontal: 1/2H to +/-1

Video I/O delay
Minimum delay: approx. 1.4 H. approx. 1.7 H at 720/59.94p, approx. 1.8 H at 720/50p

2 to 1 frames + Minimum delay (when FS or input re-sizing engine used)

2 to 3 frames + Minimum delay (when FS or input re-sizing engine plus DVE used)

2 to 3 frames + Minimum delay (when FS or input re-sizing engine plus output re-sizing engine plus DVE used)

External memory
SD-CARD slot

Internal memory (optional)
HVS-493D/SD/SDI: 240 GB

Interface
RS-422: 9-pin D-sub (female) x 2

RS-422: 9-pin D-sub (female) x 2

GPI/TALLY OUT: 25-pin D-sub (female) for 22 outputs

GPI IN: 25-pin D-sub (female) for 19 inputs

1 to 2 frames + Minimum delay (when FS or input re-sizing engine used)

2 to 3 frames + Minimum delay (when FS or input re-sizing engine plus DVE used)

Temperature/humidity
-20°C to 40°C/10% to 90% (no condensation)

Power
AC 100 to 240 V, 50/60 Hz (SMPTE 2023)

Consumption
HVS-493D: 508 W (100-120 V), 452 W (220-240 V), full operation: 780 W (100-120 V), 723 W (220-240 V)

HVS-494OU: 16 W (100-120 V), 16 W (220-240 V)

HVS-494OU: 27 W (100-120 V), 28 W (220-240 V)

Size/weight
HVS-493D: 429 (W) mm x 132 (H) mm x 490 (D) mm approx. 17 kg full operation approx. 23 kg

HVS-494OU: 430 (W) mm x 132 (H) mm x 376.4 (D) mm approx. 6 kg incl. redundant power supply approx. 7 kg

HVS-494OU: 430 (W) mm x 132 (H) mm x 474 (D) mm approx. 7 kg incl. redundant power supply approx. 8 kg

HVS-494OU: 430 (W) mm x 132 (H) mm x 510 (D) mm approx. 11 kg incl. redundant power supply approx. 11 kg

HVS-494OU: 444 (W) mm x 132 (H) mm x 484.1 (D) mm approx. 12 kg incl. redundant power supply approx. 13 kg

Accessories
Included with HVS-493: CD-ROM (Operation manual), Quick Setup Guide, PC-LAN (for computer and peripheral device connection)

Accessories
Included with HVS-493: CD-ROM (Operation manual), Quick Setup Guide, PC-LAN (for computer and peripheral device connection)

Options
See “Options” for details.

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