

*Introducing the well-reputed,  
multi-view display embedded AV-HS400  
with new and enhanced capabilities!*



The compact body, 1M/E multi-format live switcher AV-HS400 now comes with new capabilities. Not only have the key and multi-view display function been enhanced, now you can remotely operate the pan-tilt camera. Moreover, by adding the newly optional boards, it realizes a greater scalability of the input/output signal formats. It is a truly versatile switcher that meets a breadth of HD/SD production needs.

**More convenient multi-view display function**

Enables green tally display of the input selected by the preset bus\*. It also permits character editing and offers input material name ON/OFF switch and 5 levels of brightness. Moreover, it also provides a material name background band and frame ON/OFF switch, and a choice from among 5 levels of brightness, realizing an even more eye-friendly and easily operation.

\* Not compatible with green tally output.



Frame ON/OFF switch / adjustable brightness

ON/OFF switch for the material name background band

Green tally

ON/OFF switch for the material name background band

**An enhanced key function offering greater creative freedom**

With the addition of new 3D DVE effects (i.e. page turn), the AV-HS400A offers an even greater range of key functions brought to life with the flying key function, enabling easy key position and size adjustment and omnidirectional (every 45 degrees) edge specification.

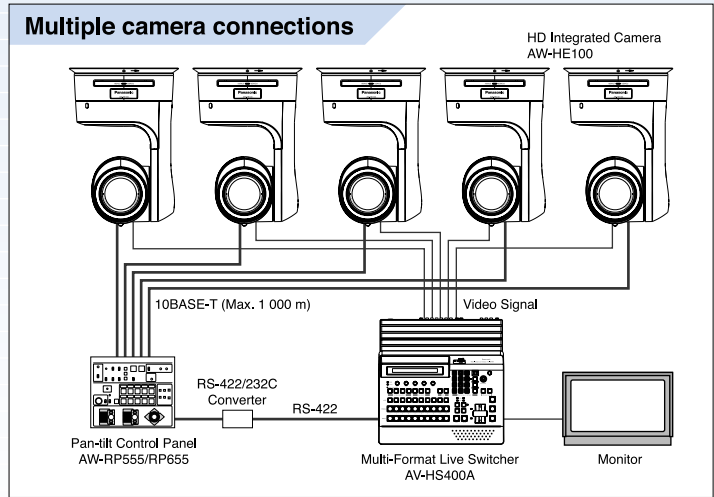
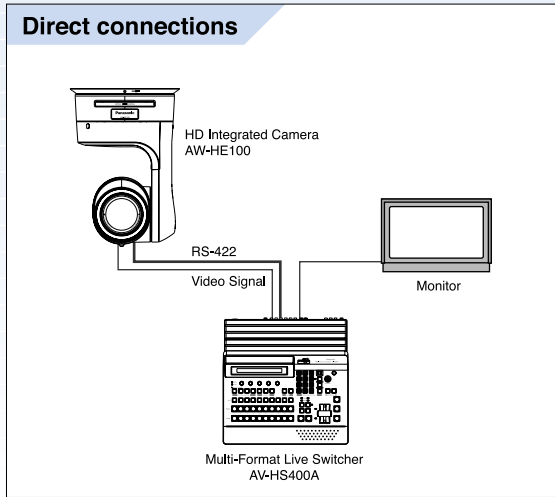


Page turn (image)

**The current AV-HS400 may also be upgraded. For details, please inquire with your local distributor.**

## Remotely control the HD integrated camera AW-HE100 and pan-tilt heads\*

Directly connecting the AW-HE100 or Panasonic's pan-tilt head\* allows control over pan, tilt, zoom, and focus using the AV-HS400A's positioner. Moreover, by also connecting Panasonic's control panel\*\* you can switch between and operate up to 5 cameras and pan-tilt heads\*.



\* Compatible models: AW-PH400/AW-PH405/AW-PH360. \*\* Compatible models: AW-RP655/AW-RP555.

## A rich array of new functions

- Additional image format (JPEG) allowing FMEM transfer from an SD Memory Card
- Image file transfer via LAN (JPEG/TIFF/PNG/GIF/BMP compatible)\*\*\*
- Displays the number of stored images and the remaining capacity of the SD Memory Card

\*\*\* The dedicated software is included in the package.

## Two new optional input and output expansion boards offer greater scalability



ANALOG COMPOSITE INPUTS  
**AV-HS04M6\*\*\*\***

INPUTS: Analog Composite x 2  
(Built-in Up-converter)



SDI OUTPUTS  
**AV-HS04M7\*\*\*\***

OUTPUTS: HD/SD-SDI x 2 (BNC)  
(Built-in Down-converter)

\*\*\*\* AV-HS04M6/HS04M7 is exclusively for the AV-HS400A. The AV-HS400 must be upgraded to use the AV-HS04M6/HS04M7 with the AV-HS400. For details, please inquire with your local distributor.

## Specifications

<b>Video processing</b>	<b>Video format</b>	SD (480/59.94i, 576/50i), HD (1080/59.94i, 1080/50i, 720/59.94p, 720/50p)	<b>WIPE/DVE</b>	<b>Pattern</b>	WIPE x 12, Squeeze x 11, SLIDE x 8, 3D DVE x 12 (3 directions) Selection with key transition is possible independently of background.
<b>M/E</b>		1M/E	<b>Transition</b>	<b>Transition method</b>	FADER, AUTO
<b>Input</b>	<b>Video processing</b>	Y:Cb:Cr, 4:2:2 10 bit RGB, 4:4:4 8 bit	<b>KEYER</b>	<b>Key source</b>	BUS
	<b>Video</b>	Standard: Four inputs (HD/SD-SDI) Option: A maximum of four inputs (Up to 2 input boards (each board offering 2 inputs) for each of the following 4 types of boards may be added: HD/SD-SDI x 2, HD/SD-analog component x 2, analog composite x 2, DVI/RGB x 2.)	<b>Key fill</b>	BUS, MATTE	<b>Key mode</b>
	<b>Key</b>	Assign one out of video inputs	<b>Key mode</b>	Linear key, Lum key, Chroma key (Key only)	
	<b>DSK</b>	Assign one out of video inputs	<b>PinP</b>	<b>Transition method</b>	AUTO (PinP only)
	<b>Reference</b>	Black burst/TRI (loop through) x 1	<b>Interface</b>	<b>Transition type</b>	MIX
<b>Output</b>	<b>Video</b>	Standard: Four outputs (PGM x 2, general-purpose x 2, each HD/SD-SDI) Option: A maximum of four outputs (general-purpose x 4) (Up to 2 output boards (each board offering 2 outputs) for the following 3 types of boards may be added: analog component x 2, DVI/analog component x 1 each, HD/SD-SDI x 2).	<b>Serial (EDITOR)</b>	D-sub9pin x 1: RS-422 (GVG protocol compatible), for controlling a pan-tilt system	
	<b>Reference</b>	Loop through x 1 (Genlock), or Black burst x 2 (internal synchronization)	<b>Tally output</b>	D-sub15pin x 1, open collector output	
	<b>Removable media</b>		<b>GPI</b>	ø 3.5 Stereo mini jack	
	<b>Humidity</b>		<b>LAN</b>	RJ45, 10 Mbps x 1	
	<b>Operating temperature</b>		<b>SD memory card slot</b>	1 (for transferring still image files and providing an upgrade capability)	
<b>Power Supply / Power consumption</b>				10 % to 90 % (no condensation)	
<b>Dimensions (W x H x D)</b>				0 °C to +40 °C	
<b>Weight</b>				AC 220 V to 240 V, 50 Hz/60 Hz / Approx. 98 W	
				420 mm x 132 mm x 408 mm (excluding protrusions)	
				Approx. 6.4 kg: without options Approx. 7.2 kg: with options	

\* Features and specifications in this document are subject to change without notice due to continual improvements.

● SD Logo is a trademark.

# Panasonic

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