Panasonic AV-UHS500
ProdCode: PANAVUHS500
4K live production video switcher

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Features

- 4K live production video switcher
- 12G-SDI compatible
- 4K/3G/HD multi-format support with up/down, HDR/SDR and ITU-R BT.2020/BT.709 conversion functions
- Equipped with 5 keyers, including 2 channels of chroma-key and 2 channels of PinP
- 5 optional boards available for customization and system flexibility

Advanced Functionality

- 4K/3G/HD multi format compatible
- 12G-SDI/3G-SDI/HDMI multi interface compatible
- Compact, integrated body equipped with two optional unit slots
- Inputs: Standard SDI: 8ch/16ch max*1, standard HDMI: 2ch*2/8ch max*1.
- Outputs: Standard SDI: 5ch/13ch max*1, standard HDMI 2ch*3/8ch max*1.
- 5 keyers with 2ch of Chroma-key and 2ch of PinP
- Supports up/down conversion function, HDR/SDR conversion function and ITU-R BT.2020/BT.709 conversion function
- 4 AUX BUS channels, AUX 1 and 2 with a mix transition function, and DSK 1 and 2 are assignable

- A remote camera controller function for control of up to 16*1 Panasonic 4K/HD Integrated Cameras

A Video Switcher for the Modern Technical Director

Introducing the AV-UHS500, a 12G-SDI compatible compact 4K Live Production Video Switcher. The 4K Live Video Switcher demonstrates outstanding live video production performance in the field for use in a variety of applications, such as event staging, broadcast at stations and OB vans, lectures at universities and conference halls.

The AV-UHS500, planned for release in February 2020, represents the next step in switching technology from Panasonic, which has rapidly gained a reputation for live compact switchers in broadcast studios, live entertainment and sport events.

The AV-UHS500 offers a high level of functionality in its range. In addition to providing 4K/3G/HD multi format support, the device allows the same number of HD inputs and outputs to be maintained even when operating in 4K.

Five optional boards have also been developed to meet customer needs. For improved flexibility and usability, additional option boards can be freely installed to increase the number of inputs\, ensuring smooth operation at big events with a large number of cameras. The unit is equipped with 5 keyers, including 2ch of chroma-key and 2ch of PinP, to enable a variety of production effects. The switcher is also equipped with an up/down conversion function, HDR/SDR conversion function and ITU-R BT.2020/BT.709 conversion function. These enable the flexibility to select video output as needed in environments where there are a variety of formats being used.

Expansion Slots

Utilize a variety of option boards to customize the functionality of the AV-UHS500 video switcher for your needs. Plug & play operation with the expansion slots makes it simple and easy.

SDI Input Unit (AV-UHS5M1G)

- 3G or 12G-SDI x 4 inputs, frame synchronizer
- U/C, color correction
- SDR/HDR conversion
- ITU-R BT.709/BT.2020 conversion compatible

SDI Output Unit (AV-UHS5M2G)

- 3G or 12G-SDI x 4 outputs
- D/C
- HDR/SDR conversion
- ITU-R BT.2020/BT.709 conversion compatible

HDMI Input Unit (AV-UHS5M3G)

- HDMI 2.0 x 3 inputs
- Scaler for each channel

HDMI Output Unit (AV-UHS5M4G)

- HDMI 2.0 x 3 outputs
- Scaler for each channel

4K DVE Unit (AV-UHS5M5G)

- DVE function in 4K mode
- BKGD x 1
- Keyer x 1