

## Release Notes

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### Model: HS-4000 Firmware Release Info

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**May. 10, 2024**

Firmware Versions

- CTL v1.5.6
- Main Unit S/W v1.1.1.3

File name: SE\_HS4000\_MU\_v1.1.1.3\_CTL\_v1.5.6 Firmware Update

#### Issues

1. Fixed the issue for the disconnection between CTL and host. The CTL network speed will be decreased from 100Mbps down to 10Mbps to avoid high temperature caused by disconnection.
2. Fixed the issue that the switcher can not be powered-off after being burned in for 2 days.

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**March. 05, 2024**

Firmware Versions

- CTL v1.5.0
- Main Unit S/W v1.1.1.3

File name: SE\_HS4000\_MU\_v1.1.1.3\_CTL\_v1.5.0 Firmware Update

#### Issues

1. Fixed the error issue for the CTL DSK button and function.
2. Fixed the error issue for the CTL Key 1-4/DSK button and function.
3. Added the function that when the power is turned on, but the MU is not powered on, the CTL will try to establish the connection automatically for every 5 seconds. Fixed the issue that for the firmware version before the CTL v1.4.4, if the CTL is powered on at first and the MU is powered on later, the CTL and MU can not establish the connection automatically, users need to do the scan manually.

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**Feb. 02, 2024**

Firmware Versions

- CTL v1.4.4
- Main Unit S/W v1.1.1.3

File name: SE\_HS4000\_MU\_v1.1.1.3\_CTL\_v1.4.4 Firmware Update

#### Issues

1. Added CG Mode for HDMI Input for supporting 1080p input (4K is not supported).
2. The progress information is displayed in the upper left corner when loading Still/Ani-Logo/Clip.
3. Added Audio Mixer function for mixing input 1 to input 8 and external input audio sources randomly(The

audio sources for PGM1-PGM8 can be set as "Follow" or "Audio Mixer".

4. The SDI OUT4 for the HS-4000 can be set freely, and it is not necessary to be set as PGM.

5. The Preset format for MV is increased from 1 set to 6 sets.

6. The DHCP fallback IP address is changed to "192.168.100.30". When the SE-4000 or HS-4000 is set in DHCP mode and no router is detected after the system is powered-on for 30 seconds, the IP address will jump to "192.168.100.30", which shares the same domain with CTL's fallback IP address "192.168.100.31" to optimize the connection and operation. If you connect the router afterward, the DHCP IP will be configured only when you restart the SE-4000/HS-4000

7. This firmware supported the sharing for 32G micro SD card image. There is no product ID saved in the SD card, the SE-4000 or HS-4000 is set by using the SW6 only. The old 16GB micro SD card is also supported by setting the SE-4000 or HS-4000 by using the product ID which is saved within the SD card.

8. Fixed bugs.

9. The updated version of the PC Ethernet Update Tool is released for the SE-4000 & HS-4000.

- Please run the Ethernet Update Tool "sehs4000\_upgrader\_v1.0.5.exe" or "sehs4000\_upgrader\_v1.0.5\_win7\_8.exe" according to your operating system.
- Please enter the MU & CTL IP address. For Static IP mode, the factory default MU IP address is "192.168.100.101" and the factory default CTL IP address is "192.168.100.102". For DHCP mode, you can get the MU and CTL DHCP IP addresses when the MU and CTL are connected successfully by SE-4000 or HS-4000's Setup>Ethernet Menu. After that, you can enter the MU and CTL IP addresses into their blank column respectively.
- Please select the combined MU & CTL zip file such as "se4000\_MU\_v1.1.1.3\_CTL\_v1.4.4.zip".
- Please check the MU or CTL checkbox for updating the firmware. For the factory default, the MU and CTL checkboxes will be checked, but you can also check only MU or CTL if it is necessary.
- After that, please press the "Upgrade" button. The firmware update tool will update the MU firmware first, and then the CTL firmware will be updated.
- After the firmware is updated successfully, the HS-4000 will reboot automatically. For the SE-4000, you need to reboot the MU and CTL manually.
- After the system is rebooted and reconnected, please go to "Setup>Software" to check whether the MU and CTL versions are updated successfully or not.

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## Oct. 12, 2023

### Firmware Versions

- CTL v1.4.0
- Main Unit S/W v1.0.2.5

File name: HS-4000 CTL v1.4.0 & SW v1.0.2.5 Firmware Update

### Issues

1. Improved the issue that when the HDMI OUT signal is connected to the TLM-170K monitor, it is possible to cause the oil painting or no-picture issue when turning on the power of the HS-4000 or switching between

different resolutions.

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**Oct. 02, 2023**

Firmware Versions

- CTL v1.4.0
- USB v1.0.2.3

File name: HS-4000 CTL v1.4.0 & SW v1.0.2.3 Firmware Update

### Issues

#### For CTL 1.4.0

1. Solved the wrong IP address issue for the MU.
2. Adjusted the keyboard color (R: 65% to 55%, G: the same, B: 80%).
3. Auto-detection for the SE-4000/HS-4000 Logo/Auto-replacement for menu>hostname.

The rules for changing the menu>hostname.

- If the HS/SE word string is existed when changing the name of SE-4000/HS-4000, it will be regarded as user defined.
- If there is no HS/SE word string, it will be replaced automatically when the system is rebooted.

#### For SW 1.0.2.3

1. Fixed the issue for HDMI OUT HV Sync Offset and Improved the HDMI OUT compatibility. (Improved the compatibility for DAC-9P 4K & HS-4000 built-in monitor with Murideo analyzer)
  2. Improved the noise issue for Audio 4K/1080p/1080i 59.94/29.97Hz.
  3. Improved the issue that the SDI IN audio will be interrupted.
  4. Supported 1080i input/output and fixed the issues for MV display, PIP and Still image loading.
  5. Supported 4K input to downscale to 1080p/1080i output and to display in PIP mode.
  6. SDI OUT supported Rec. 709/2020 color gamut & SDR/HDR-HLG/HDR-PQ Mode settings.
  7. Improved the Input 4(SDI/HDMI/Still) horizontal line noise problem that will occur for some boards.
  8. Improved the issue that the main board IP address may become 169.254.x.x due to the loss of the network configuration file which will cause a connection failure issue that can be solved by pressing the IP Reset. This firmware version will resume the IP address to 192.168.100.101 for you to continue the operation.
  9. Improved the oil-painting or no-picture issue that may occur for the HDMI OUT when switching between different resolutions.
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