

8. Firmware update

Preparation

※ Necessary firmware file need to be stored in SD card in advance.

(Up to 2GB SD card can be used)

※ Firmware file must be named as follows. Otherwise firmware is not recognized.

- CPU firmware : **SKHD1200**.mot
- SK FPGA firmware : **SKHD1200**.rbf
- CA FPGA firmware : **CAHF1200**.rbf

Firmware is provided by Hitachi as needed.

※ Insert a SD card to the “SD CARD slot”.



Important notice

Please do NOT turn off the camera power during update.

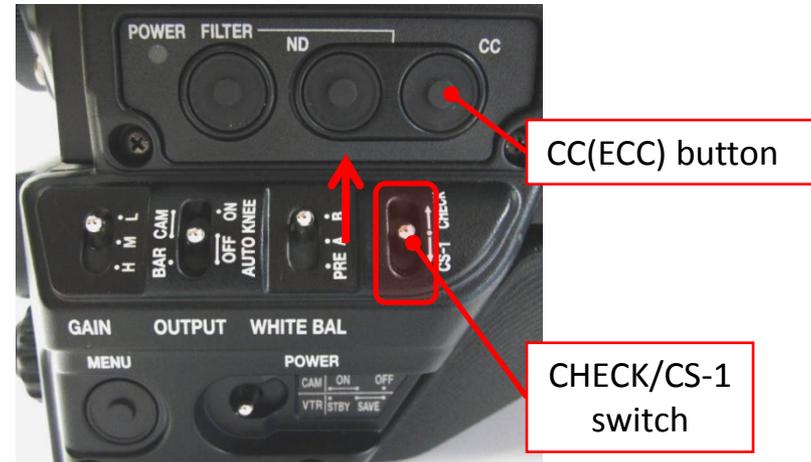
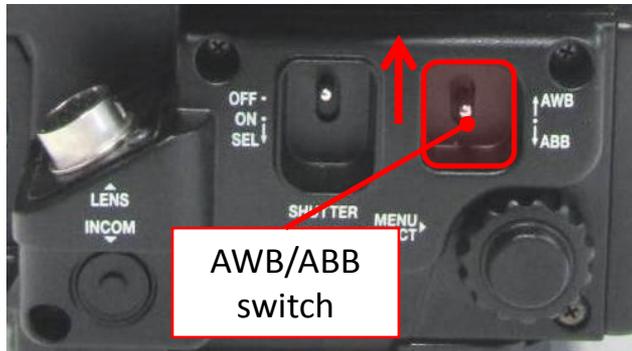
If it occur, firmware have to be updated by special tool that is available only in Hitachi Service Center.

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How to enter FIRMWARE UPDATE menu

1. Following switches and button need to be held before SK-HD1200's power is turned on.

- **AWB/ABB switch** : Upper side (AWB side)
- **CHECK/CS-1 switch** : Upper side (CHECK side)
- **CC(ECC) button** : Hold down



2. Turning on the SK-HD1200's power by CCU or external power unit while holding the switches and button, until "**FIRMWARE UPDATE MENU**" appears.

This menu can be seen on the **Viewfinder** and **RET-MONI OUT**.



FIRMWARE UPDATE MENU

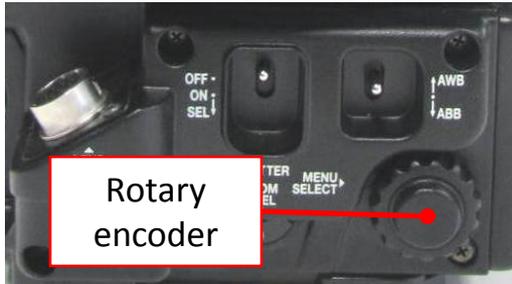
8. Firmware update

How to update Firmware

1. Enter the menu that user would like to update.

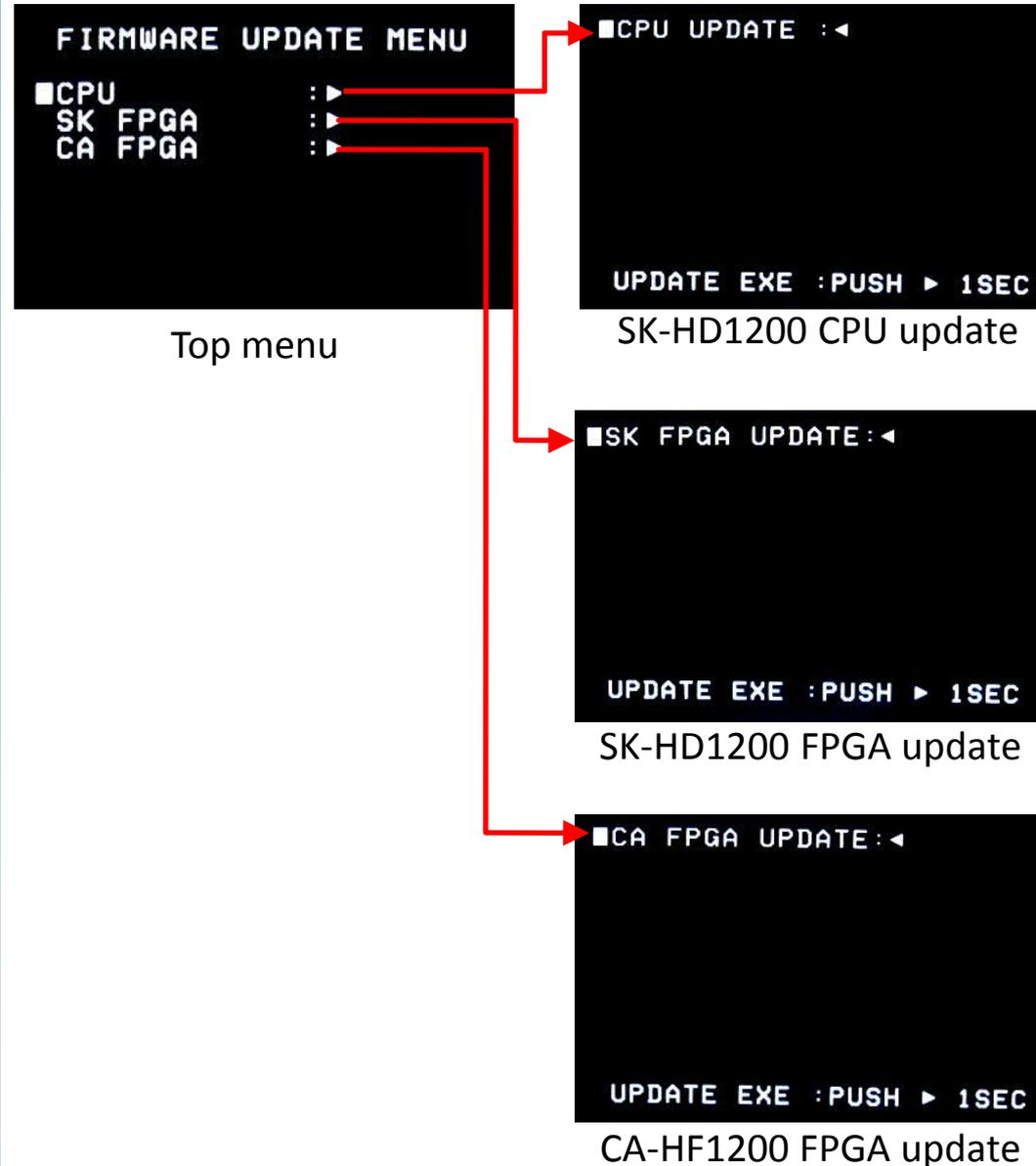
2. Move a menu cursor to "UPDATE EXE : PUSH ►1SEC".

3. Press "Rotary encoder" more than 1 second. Update process is started.



- CPU update : 2 minute
- SK FPGA update : 20 minutes
- CA FPGA update : 10 minutes

4. Update menu is automatically closed when update is completed. Then, please reboot camera power.



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How to update Firmware

5. Open camera menu, then go to "MAINTENANCE" -> "CHECK" -> "CHECK 2".
Please check whether firmware version displayed in CHECK2 and the firmware you just updated are same.

