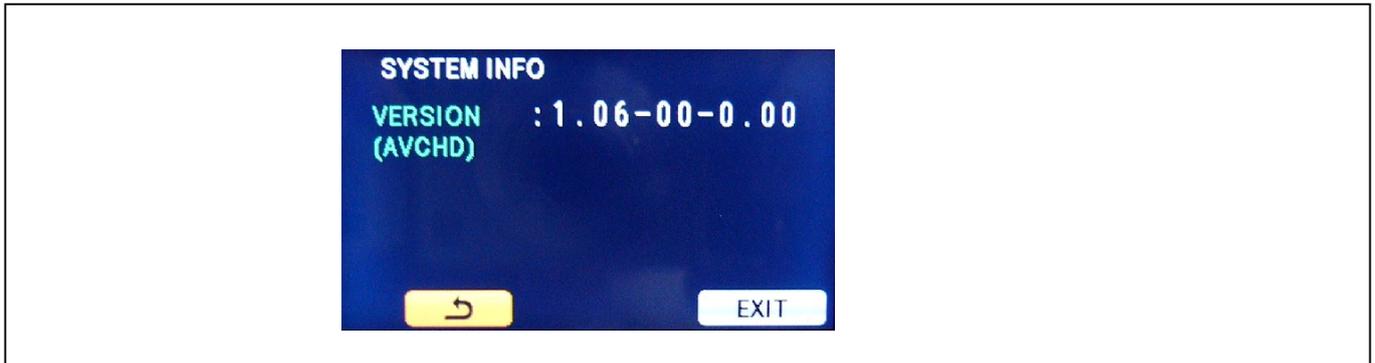


AG-HMC80 Firmware update procedure

1. Software Version Display

1. Set the **MODE** switch to “**AVCHD**” side and turn the power on. Press the **MODE** button to select the “**PB**” mode. (Set the camera recorder to **AVCHD-PB** mode).
2. Press the **MENU** button to display the setting menu. Use the **CURSOR** buttons to select the item “**OTHER FUNCTIONS**” and press the **ENTER** button to open the OTHER FUNCTIONS menu.
3. Select the item “**SYSTEM INFO**” on the OTHER FUNCTIONS menu and press the **ENTER** button.
4. Select “**YES**” and press the **ENTER** button, the version number is displayed as follows.



2. Preparation

< Preparation for SD memory card >

1. SD memory card (more than 64MB memory card) is required. Use only SD memory cards that comply with the SD or SDHC specifications.
 2. Insert an SD memory card into the card slot of this unit and format it.
- NOTE:** SD memory card used in this unit requires to be conformed to SD™ standards. Be sure to format SD memory card on this unit.

< Copy and how to get the Image data for update >

1. Download Image Data “**VSI*****.zip**” for the update from “**Support Desk**” web site.
2. Copy the file “**VSI*****.zip**” to hard disk of your PC and extract the file.
3. Insert a formatted SD memory card into the card slot of PC.
4. Copy the folder “**PRIVATE**” to SD memory card. The downloaded image data (upgrade file: **VSI*****.img**) is included in folder “**PRIVATE**”.

NOTE: Do not change the construction of folder and file name. The folder construction shown in the following and top of directory should be “**PRIVATE**”.

Folder: PRIVATE \ MEIGROUP \ PAVCN \ SBG \ AVCCAM \ FW \
File Name: VSI*****.img

< External Power >

It is best to power the unit from the external power supply. This will prevent the unit from shutting off during updating.

3. Updated procedure

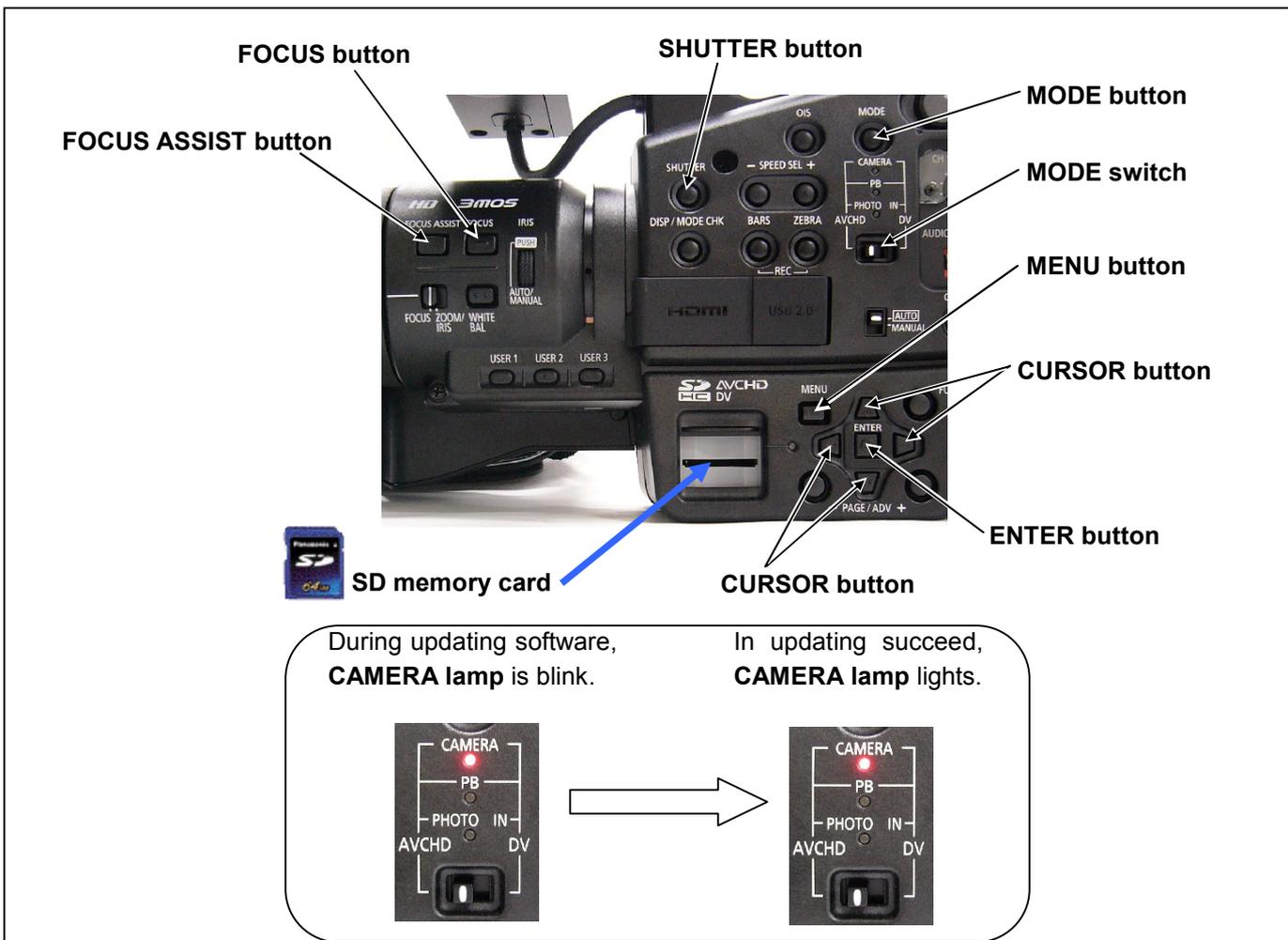
CAUTION: Before Updating Software

- **Do not power down or pull card while upgrading.** If the program quits during loading, the data will be erased or part writing condition and the restart is not made. However software can not be update, please consult service department of Professional AV Business unit.

1. Set the **MODE** switch to “**AVCHD**” side and turn the power on. Press the **MODE** button to select the “**PB**” mode. (Set the camera recorder to **AVCHD-PB** mode).
2. Insert a formatted SD memory card into the SD card slot of this unit and close the Card door of this unit.
3. Press the “**FOCUS**”, “**FOCUS ASSIST**” button and “**SHUTTER**” button simultaneously for three seconds or more, the item “**UPDATE**” is displayed on the OTHER FUNCTIONS menu.
4. Select the item “**UPDATE**” on the menu and press the **ENTER** button. The confirmation screen of the execution is displayed. If update is executed, select the item “**YES**” and press **ENTER** button.
5. Update program is started and the LCD/EVF display is become black screen. During updating software, CAMERA lamp is blink.

◆ Software update takes approx. 2 min.

6. In updating succeed, CAMERA lamp is change from blinking to lights.



- ◆ When the power supply is shut off on the way of updating, or when updating does not start, or when the some error occurs, turn the power OFF and ON. Then perform writing again (Please shut OFF/ON the external power supply.).

7. Remove the SD memory card and turn the power to OFF. Then turn the power to ON to restart it. The power OFF and ON of this unit is required for updating data renewal (Please shut OFF/ON the external power supply.).
8. Confirm that the number of software version is renewed on the screen shown in item “**1. Software Version Display**” for your confirmation update was correctly done.

4. Confirm update

After you finish the update and power ON the unit, please use "P2 Status Logger" application software for making sure the software update is done correctly.

To use "P2 Status Logger", please connect the unit to a PC with the USB 2.0 cable. The PC is needed to be connected to the internet while running "P2 Status Logger".

Please refer to the operating instruction manual for "P2 Status Logger" for the detail information.

You need to be a member of "P2 Asset Support System" to download the "P2 Status Logger" software. If you haven't been a member of "P2 Asset Support System" yet, please go to the URL below and make a registration.

<P2 Asset Support System> http://panasonic.biz/sav/pass_e

If it is difficult to access the internet or to make the registration, please check the firmware version according to the item "1. Software Version".

But it is strongly recommended to use "P2 Status Logger" for checking the update result to avoid a mistake.