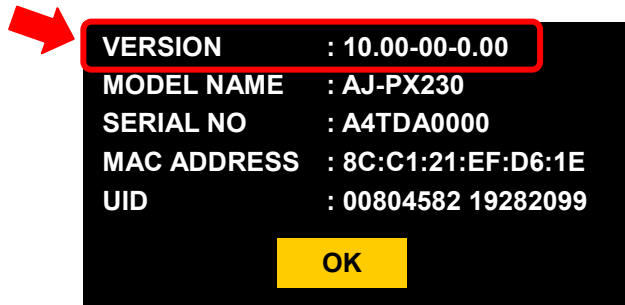


Firmware update procedure

Model: AJ-PX230, PX280MC series

1. How to check firmware version

1. Switch ON the power of the camera recorder.
2. Keep press **MENU** button for 3 seconds > **"DIAGNOSTIC"** > **"VERSION"** to display the current version.



Version display example

2. Preparation

Prepare following equipment and a firmware package prior to update.

Name	Qty	Remark
SD memory card	1	MAX 32GB MIN 64MB Note: microP2 card can also be used as substitution for SD cards but the card has to be formatted as SD CARD in the SD card slot in advance.
Firmware package (VSI****.zip)	1	Can be downloaded at: http://panasonic.biz/sav/pass_e
AC adaptor	1	
Computer (PC/Mac)	1	Needed for downloading, unzipping, copying firmware package

! Important: Please read before performing update:

- Update work may take approximately 25 minutes, use secure power supply (AC adaptor), unexpected shutdown while in update may cause an unrecoverable failure.
- Do NOT eject SD memory card while update is in progress (while access LED blinks), interrupting communication between SD card and equipment may cause unrecoverable failure.



Access LED

SD card slot

3. Updating firmware

[Preparation]

1. Insert an SD memory card into the SD card on the camera recorder.
2. Format the SD card (Keep press "MENU" button for 3 seconds > CARD FUNCTIONS > FORMAT SD CARD)
Visit Panasonic professional video support website <http://panasonic.biz/sav/pass_e> and download "vsi*****.zip" firmware package.
3. Extract the ZIP package (you will see "PRIVATE" folder).
4. Mount the formatted SD card to the computer then copy the **"PRIVATE"** folder to the SD card.

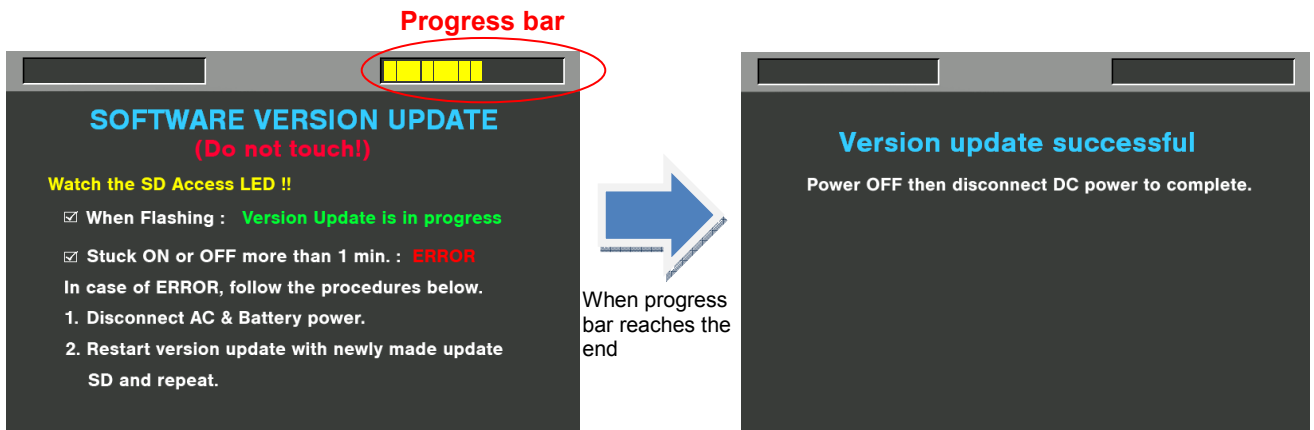


[Perform update]

5. Insert the SD card into the SD card slot (NOT microP2 card slot) on the camera recorder.
6. Press **THUMBNAIL** button, then keep press **MENU** button for 3 seconds > **MAINTENANCE** > **UPDATE**.



7. Wait until the “Version update successful” dialog is displayed. It may take approximately 25 minutes.



8. Remove the SD card.

9. Switch OFF the power, and disconnect and connect DC power > switch ON the power to complete.

10. Make sure the firmware version.

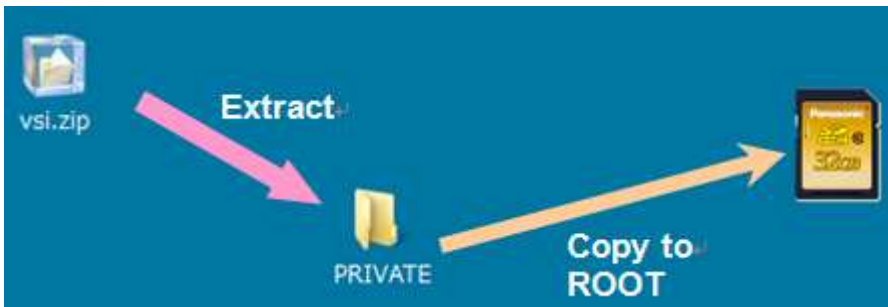
➤ How to check firmware version : Keep press **MENU** button for 3 seconds > “**DIAGNOSTIC**” > “**VERSION**”

4. Troubleshoot

1. "UPDATE" menu item does not appear.

It may happen in following cases;

- When package file or copied location are NOT correct ("PRIVATE" folder was not copied to the upper directory of the SD card).



- When SD card is inserted to microP2 card slot (update work can be performed from SD card slot only).



REAR VIEW



RIGHT SIDE VIEW

2. VERSION UPDATE ERROR! Screen is displayed!

This error will be happened in following case;

- When firmware package used is for other products. → Check if the package is for the right product.
- When firmware package is corrupted. → Download the firmware package and try again.

