

Canon Mirrorless Camera Firmware Update Procedure

EOS M3

Firmware is software installed to control the equipment; it is the firmware that handles many of the mirrorless camera's operations, such as shooting or image processing. The instructions that follow explain the steps for updating the camera with new firmware (by overwriting the existing firmware).

Make sure you have read the precautions and procedures below carefully before updating the firmware.

IMPORTANT: Observe the following precautions when updating the firmware

- Please use a fully-charged, dedicated battery pack and a dedicated AC adapter kit to power the camera.
- Before updating the firmware, initialize the SD, SDHC or SDXC memory card in the camera. When you initialize the SD memory card, any data written on it will be erased, so please be sure to save a copy of any important data on the card to your computer or somewhere other than the card prior to initializing it.
- Please be absolutely sure not to turn the power switch on the camera to OFF during the firmware update. If using a household power source, please be careful about power outages.
- During the firmware update, please do not open the battery cover or the memory card slot cover.
- During the firmware update, please do not operate any of the camera's buttons, dials or switches.
- After the firmware update is completed, it is not possible to revert back to a previous version.
- If the firmware update does not finish normally, or if the camera no longer starts normally, please contact our camera repair center.

In the explanations below, *.*.* indicates the name of the current version firmware, and #.#.# indicates the name of the latest firmware version.

Step1. Check the current firmware version

1. Insert the battery pack into the camera.
2. Set the mode dial to [P/Tv/Av/M/C/☐]
3. Press the power button to turn the camera on in shooting mode.
4. Press the [MENU] button to display the menu screen.
5. Press the [◀][▶] buttons or use the [☀] dial to select the [4] tab.

- The current camera firmware version will appear on the screen.

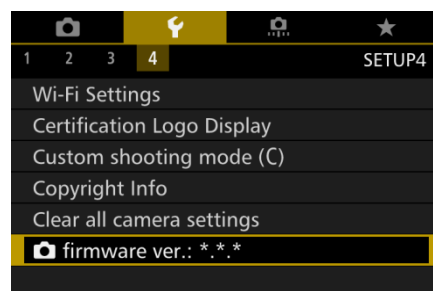
If the [📷 firmware ver.] displayed is the latest version:

⇒ Firmware update is not required

If the [📷 firmware ver.] displayed is a previous version:

⇒ The firmware can be updated

by following the procedure from Step 2 onwards.



Step 2. Prepare the items required to update the firmware

The following things are required to perform this camera firmware update. Please have these items ready in advance. Customers who do not have items 2, 3, or 4 listed below are advised to contact our customer support center.

1.	Camera body	Model covered by this update
2.	Computer	OS: Computer with either Windows or Mac OS X (*1)
3.	SD Memory Card	A 32 MB or higher-capacity SD Memory Card, an SDHC Memory Card, or an SDXC Memory Card (both commercially available)
4.	Memory card reader/writer	A memory card reader/writer (commercially available) or an SD card slot on the computer. * If using an SDHC/SDXC memory card, you must use it with a compatible card reader/writer or card slot.
5.	Battery	The battery pack that came with the camera (LP-E17) Or AC Adapter Kit (ACK-E17) Or AC Adapter (CA-PS700) and DC coupler (DR-E17)
6.	Firmware update file	The file that can be downloaded from the Web site.

*1: OS Requirements: Windows 8, 8.1, Windows 7 (Service Pack 1), or Mac OS X (10.8-10.10).

Check the Canon website for the latest system requirements, including supported OS versions.

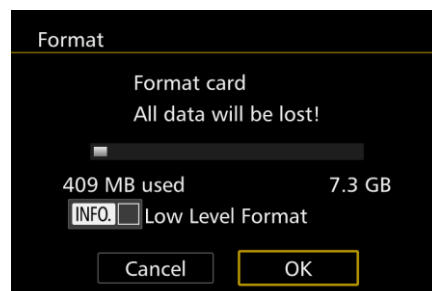
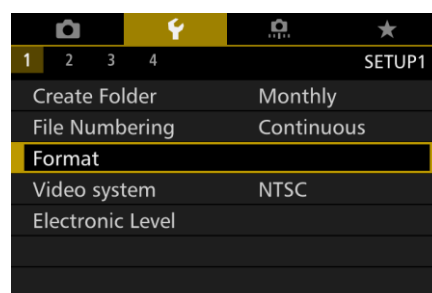
Step 3. Prepare an SD memory card for the firmware update

Caution

When you initialize the SD (or SDHC) memory card, all of the data saved on it will be erased, so please save any important data on the card to your computer or somewhere else before initializing the card. If you perform the firmware update with data remaining on the SD memory card, it could cause the camera to malfunction.

Initialize the SD memory card with the camera.

1. Press the [MENU] button to display the menu screen.
2. Press the [◀][▶] buttons or use the [🔧] dial to select the [🔧1] tab.
3. Press the [▲][▼] buttons or turn the [🔧] dial to choose [Format], and then press the [SET] button.
4. Choose [OK], and then press the [SET] button to format the memory card.
* For details, please see the Camera User Guide.
5. Press the power button to turn off the camera.



Use a computer to copy the firmware to the SD memory card that was completely initialized in the camera. Please perform the procedure that corresponds to your computer's operating system (Windows or Mac OS).

*### indicates the name of the latest firmware version.

For Windows

1. Insert the initialized SD memory card into the SD card reader/writer.
2. If you click on the **Computer** icon, an icon labeled [EOS_DIGITAL] appears.
3. Drag the firmware update data [M3_###.FI2] from the downloaded [eosm3-v###-win] folder to the [EOS_DIGITAL] icon.

Caution

Please be sure to copy the firmware to the root directory of the SD memory card.

4. After copying the data, double-click the [EOS_DIGITAL] icon, and if the firmware update data, [M3_###.FI2] is there, the copying process is completed.

For Mac OS

1. Insert the initialized SD memory card into the SD card reader/writer.
2. An icon labeled [EOS_DIGITAL] will appear on the computer's desktop.
3. Drag the firmware update data [M3_###.FI2] from the downloaded [eosm3-v###-mac] icon to the [EOS_DIGITAL] icon on desktop.

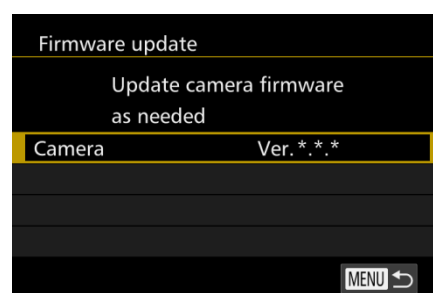
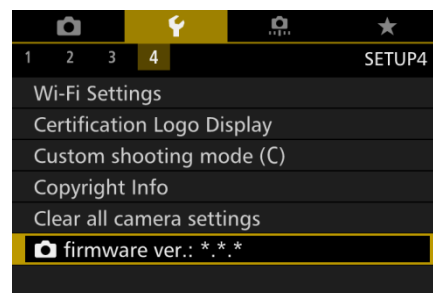
Caution


Please be sure to copy the firmware to the root directory of the SD memory card.

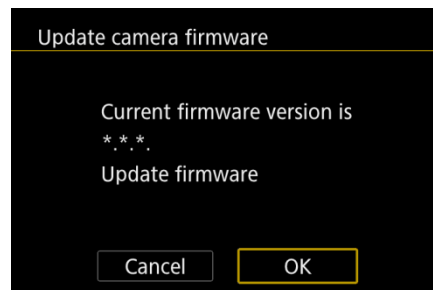
5. After copying the data, double-click the [EOS_DIGITAL] icon, and if the firmware update data, [M3_###.FI2] is there, the copying process is completed.


Step 4. Update the camera to the new firmware

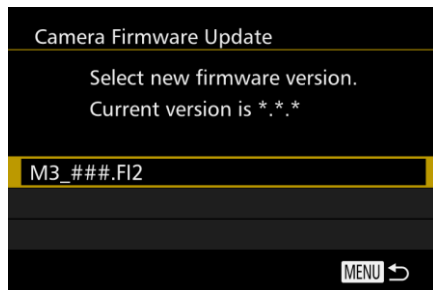
1. Insert the SD memory prepared in Step. 3 into the camera.
2. Set the mode dial to [P/Tv/Av/M/C/].
3. Press the power button to turn the camera on in shooting mode.
4. Press the [MENU] button to display the menu screen.
5. Press the [◀][▶] buttons or use the [] dial to select the [4] tab.
6. Press the [▲][▼] buttons or turn the [] dial to choose [camera firmware ver.], and then press the [] button.
7. With [Camera] selected, press the [] button.




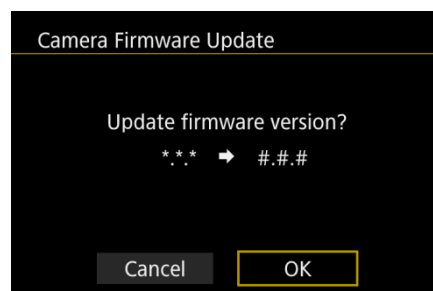
8. The current firmware version will be displayed, so choose [OK], and then press the [] button.



9. Choose the file to use for the update, and then press the [] button.




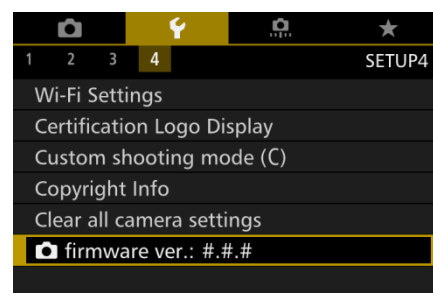
10. The firmware update confirmation screen appears, so choose [OK], and then press the [] button to start the firmware update.



Caution

During the firmware update, the lamp on the back of the camera will blink. During this time, please do not turn off the camera or operate any of its controls. Doing so could cause camera malfunctions.

11. After the update is completed, the lamp on the back of the camera will stop blinking, and the power will be automatically turned off.
12. Perform the operations in Step 1, and check that the [ firmware ver.] displayed has been updated to the new version.
13. Press the power button to turn off the camera, and then remove the SD memory card.



This completes the firmware update.

Caution

After the firmware update is completed, please make sure to initialize the SD memory card to which the firmware update file was copied before using the memory card. Also, please delete the firmware you downloaded from your computer.