

Nikon

KeyMission 170

KeyMission 80

Updating Camera Firmware

– Mac –

Thank you for choosing a Nikon product. This guide describes how to perform this firmware update. *If you are not confident that you can perform the update successfully, the update can be performed by a Nikon service representative.*

See the camera manual for information on camera operations.

Important

The camera may be damaged if power is interrupted or camera controls are operated during the update. Do not turn the camera off, remove or disconnect the power source, or operate camera controls during the update. If the update is not completed successfully and the camera becomes inoperable, take the camera to a Nikon-authorized service representative for inspection.



Get ready

To upgrade the camera firmware, you will need:

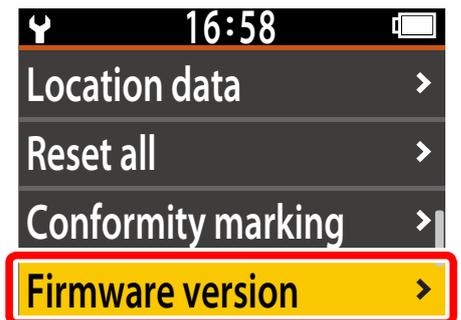
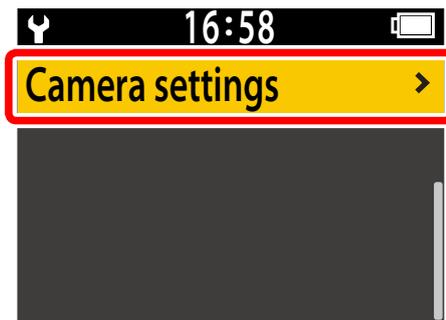
- The camera
- A computer equipped with a card reader or card slot
- The AC adapter available for separate purchase or a battery with sufficient charge to complete the update (if you are using the KeyMission 80, be sure that the built-in rechargeable battery has enough charge to complete the update)
- A Nikon-approved memory card that has been formatted in the camera (note that all data on the memory card will be deleted when the card is formatted; before formatting the card, back up any data you wish to keep to a computer or other device)
- The camera *User's Manual*

2

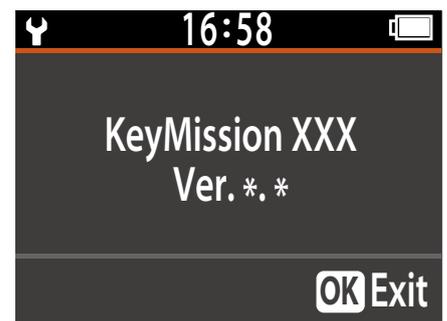
Check the current camera firmware version

The menus displayed on your camera may differ from those shown here.

- 1 Turn the camera on.
Display the HOME screen by pressing **OK** (KeyMission 170) or **MENU** (KeyMission 80) in the shooting display.
- 2 Select **Firmware version** in the **Y** (camera settings) menu. See the camera manual for details.



- 3 The current firmware version will be displayed. Confirm that the firmware version is the correct version for this update.



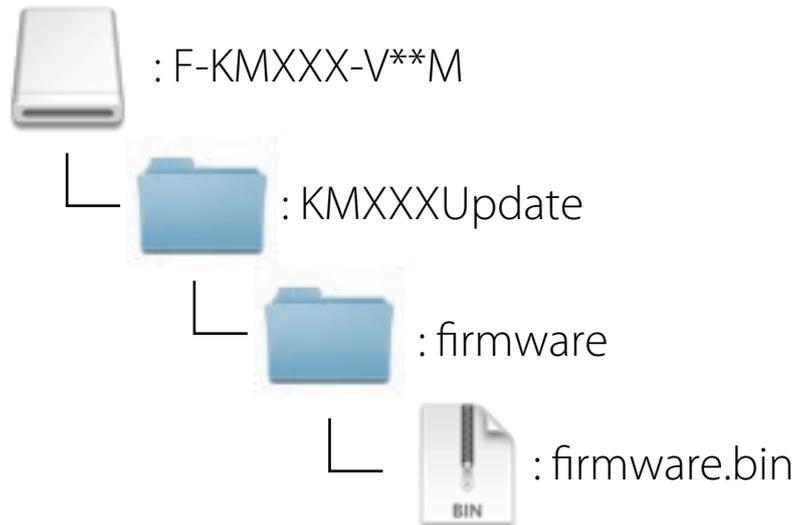
"KeyMission XXX" is the camera name and "*.*" the firmware version.

- 4 Exit to the setup menu and turn the camera off.

3

Download and extract the new firmware

After reading the end-user license agreement on the download site, select **Accept** and click **Download** to download the file "F-KMXXX-V**M.dmg", where "XXX" is either "170" for the KeyMission 170 or "80" for the KeyMission 80 and "**" the firmware version. When download is complete, a disk image will appear on the desktop containing the file and folder listed below:

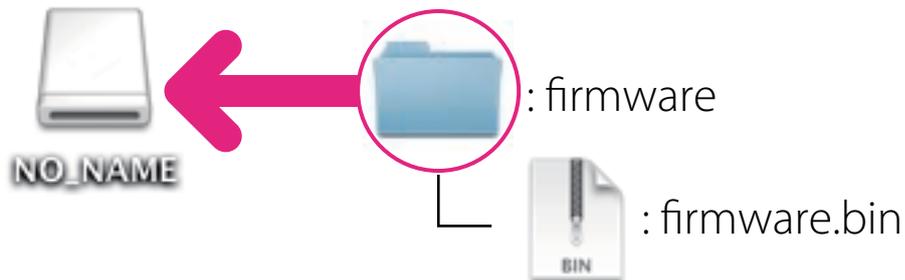


4

Copy the firmware to the memory card

The firmware can be copied to the camera memory card using a computer equipped with a card reader or card slot.

- 1 Insert a formatted memory card in the card reader or card slot. If an application such as Nikon Transfer 2 starts automatically, exit the application before proceeding.
- 2 An untitled volume ("NO_NAME") will appear on the desktop. Copy the "firmware" folder from the disk image to this untitled volume.



When copying is complete, open the "firmware" folder on the untitled volume and confirm that it contains the file "firmware.bin".

Important

Be sure to copy the "firmware" folder to the root directory of the memory card. The camera will not recognize the new firmware if it is placed in a folder under the root directory.

- 3 Drag the untitled volume into the Trash and remove the memory card from the card reader or card slot.

5

Update the camera firmware

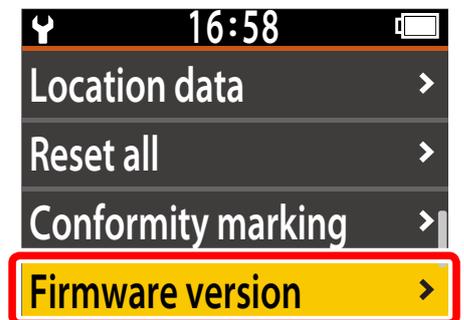
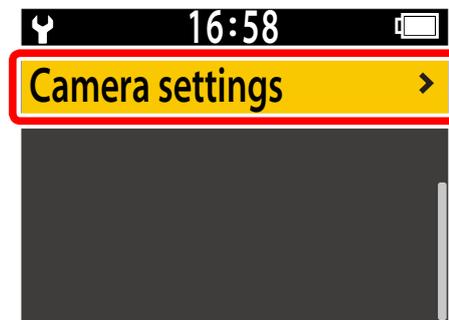
The menus displayed on your camera may differ from those shown here.

During the update, do not:

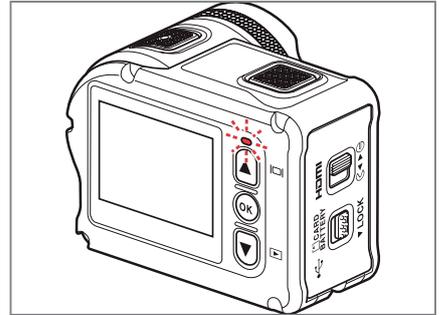
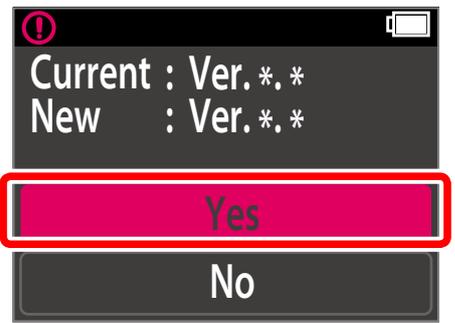
- Remove the memory card
- Turn the camera off
- Unplug or disconnect the AC adapter
- Remove the battery
- Subject the camera to powerful electromagnetic noise

Any of the above actions could cause the camera to become inoperable.

- 1** Insert the memory card containing the firmware into the camera memory card slot.
- 2** Turn the camera on.
Display the HOME screen by pressing **OK** (KeyMission 170) or **MENU** (KeyMission 80) in the shooting display.
- 3** Select **Firmware version** in the **Y** (camera settings) menu. See the camera manual for details.



- 4 A firmware update dialog will be displayed. Select **Yes** to begin the update. If you are using the KeyMission 170, the camera status LED will blink red until the update is complete.



- 5 Follow the on-screen instructions. The camera will turn off automatically when the update is complete.

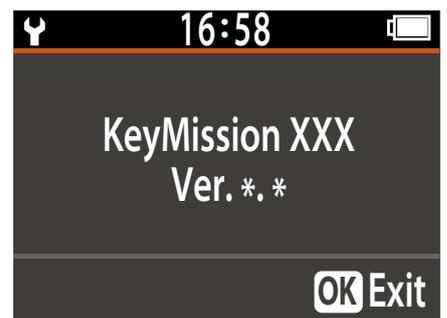
- 6 Turn the camera on and format the memory card.

- 7 Confirm that the update was completed successfully.

7-1. Turn the camera off and remove the memory card.

7-2. Check the camera firmware version as described in Step 2, "Check the current camera firmware version".

7-3. If the updated version is displayed, the update was successful.



"KeyMission XXX" is the camera name and " *.* " the firmware version. If the update was not successful, contact a Nikon service representative.

This completes the firmware update.