

How to Update PXW-X70 System Software

Windows

Mac

October 22, 2014

Preparing for system software update

Prepare the following items in addition to your camera.

System requirements for computer

【 Windows 】

[Supported OS]

Windows 8.1
Windows 8
Windows 7 SP1
Windows Vista*1 SP2

*1 Starter edition is not supported.

[Other system requirements]

- Hard disk space: 200MB or more
- RAM: 512MB or more

* Please close all other application software before updating the system software.

【 Mac OS 】

[Supported OS]

Mac OS X v.10.7 – 10.9

[Other system requirements]

- CPU: Intel processor *
- * Core Solo and Core Duo processors are no longer supported.
- Hard disk space: 200MB or more
- RAM: 512MB or more

* Close all other software applications before updating system software.

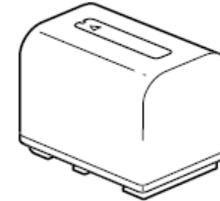
* Prevent your computer from entering sleep mode beforehand.



Other items

Power source for the camera

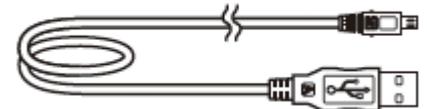
Fully charged rechargeable battery pack NP-FV70 or NP-FV100 (sold separately) or AC adaptor



Note: The update can be performed only when the remaining battery level is  (three marks) or more.
We recommend that you use a fully charged battery or the AC adaptor.

USB cable supplied with the camera

Note: **Update functionality is not guaranteed with any other USB cable.**



How to Update
PXW-X70
System software

Windows

For Windows



Updating the system software

- When performing the system software update, use a fully charged rechargeable battery pack NP-FV70 or NP-FV100 (sold separately) or the AC adaptor.
- Do not remove the battery pack or AC adaptor during the update; otherwise, the camera may become inoperable due to the sudden power shutdown.
- Remove the memory card from the camera beforehand.

1. Download the update file

Click on the files below to begin the download.

Save the downloaded file to the desktop of your computer (recommended).

PXW-X70



Update_PXWX70V102.exe

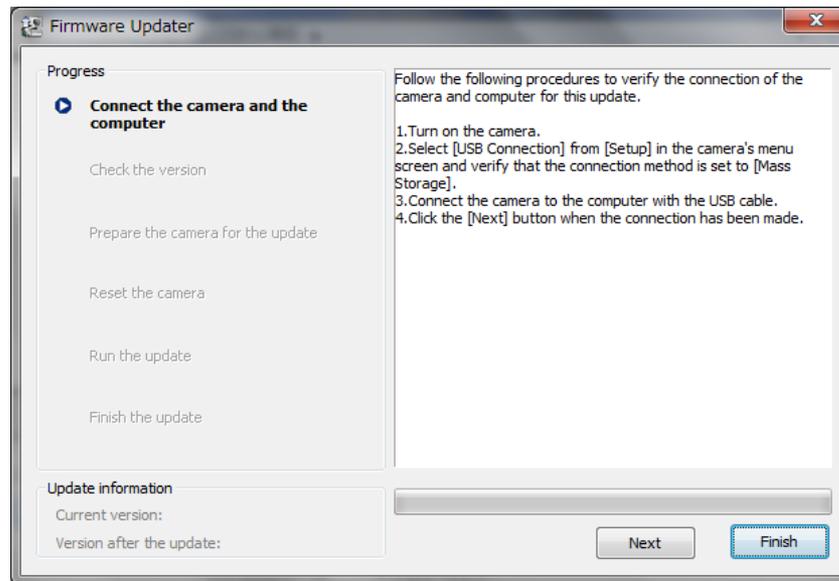
File size : 63,516,760 byte

For Windows 8 or Windows8.1 users;
Under the initial settings of Internet Explorer, the update file will be saved in the [Downloads] folder. Click the [Desktop] tile from the Start screen, and find the downloaded file in the [Downloads] folder by using Explorer.

2. Start Firmware Updater

- Close all currently running programs on your computer.
- PXW-X70
Double click [Update_PXWX70V102.exe] to start Firmware Updater. (See Figure 2.)

Figure 2



3. Connect the camera to the computer

Remove the memory card from the camera beforehand.

1. Connect the camera to the computer with the supplied USB cable.

Note: When the camera is connected to the computer, the LCD screen of the camera turns off. Proceed to the next step.

If the computer cannot find the camera, the message “Could not find the camera for this update.” appears on the computer. Try the following if this happens:

- Disconnect the USB cable, and reconnect it.
- If the computer has multiple USB terminals, try the other terminals.

(Your computer may have some USB terminals in the rear.) (See Figure 3.)



Figure 3

2. Confirm   is displayed on the task tray at the lower right corner of the computer screen.

Note: If   is not displayed on the task tray, proceed to the next step.

3. After confirming the above, click [Next] on the Firmware Updater. Figure 4 appears in Firmware Updater, and Figure 5 appears on the LCD screen of the camera.

Note: From now on, do not turn off the camera until the system software update is completed.

Figure 4: Firmware Updater

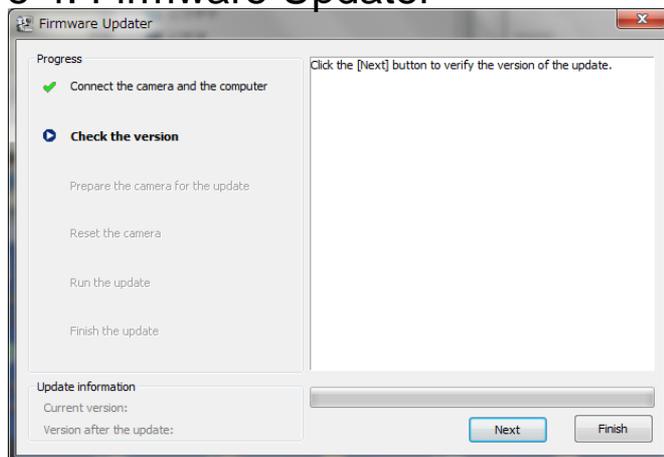
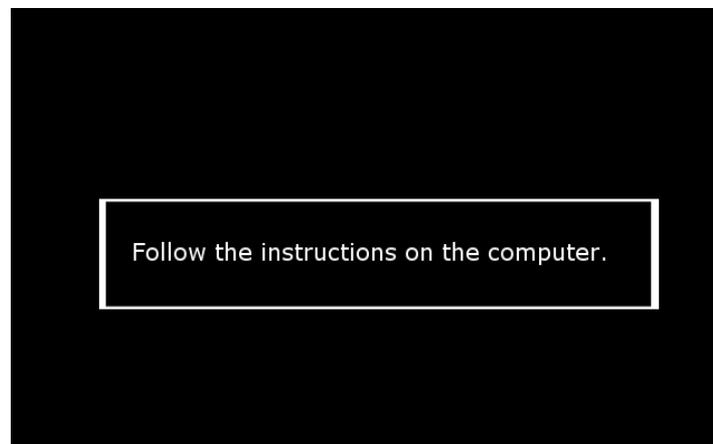


Figure 5: Camera's LCD screen



4. Check if the update is required

1. After confirming the screens in Figures 4 and 5, click [Next]. The current version and the version after the update appear on the lower left part of the screen. (See Figure 6.)
2. After confirming the screen in Figure 6, click [Next].
[Current version] is [Ver.1.01] or earlier.

Note: If the screen in Figure 7 appears, the update is not required. According to the message, stop the USB connection, and click [Finish].

Turn off the camera, remove the battery pack or the AC adaptor, and then turn on the camera again.

Figure 6: Update is required

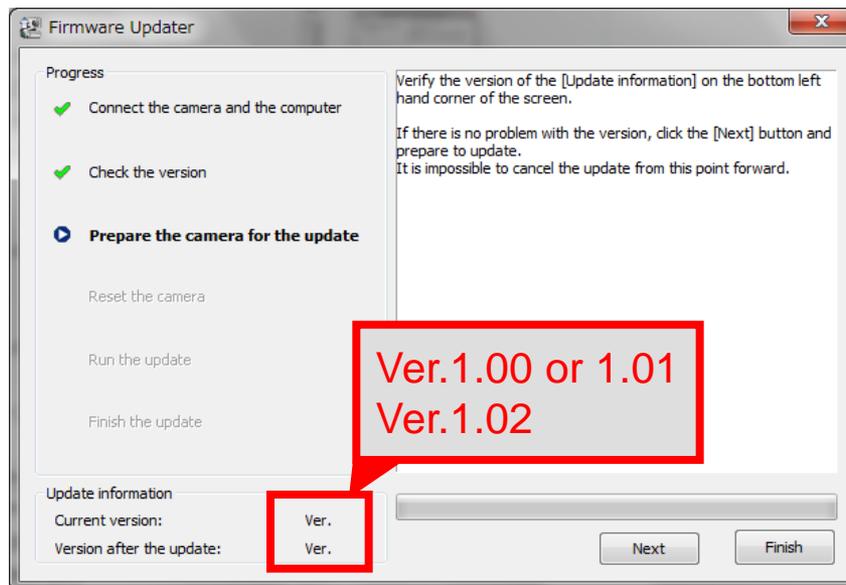
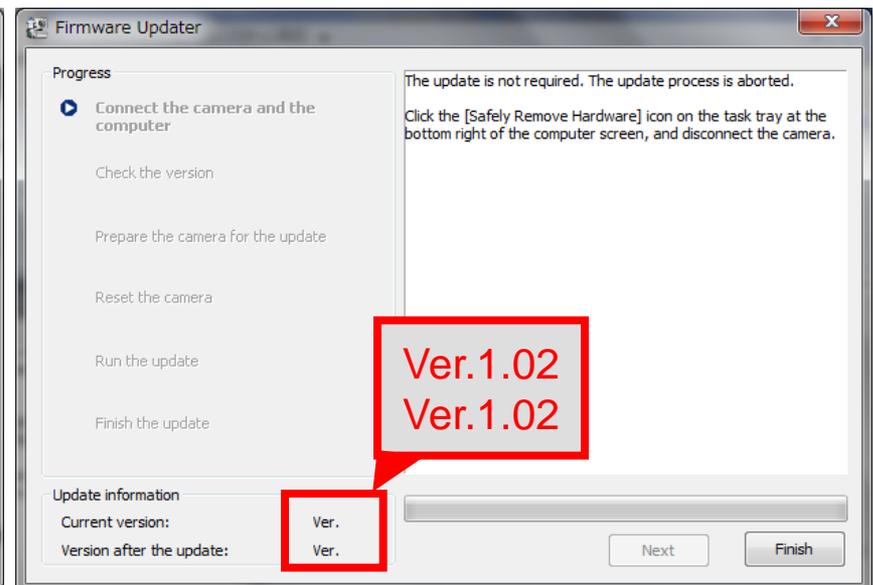


Figure 7: Update is not required



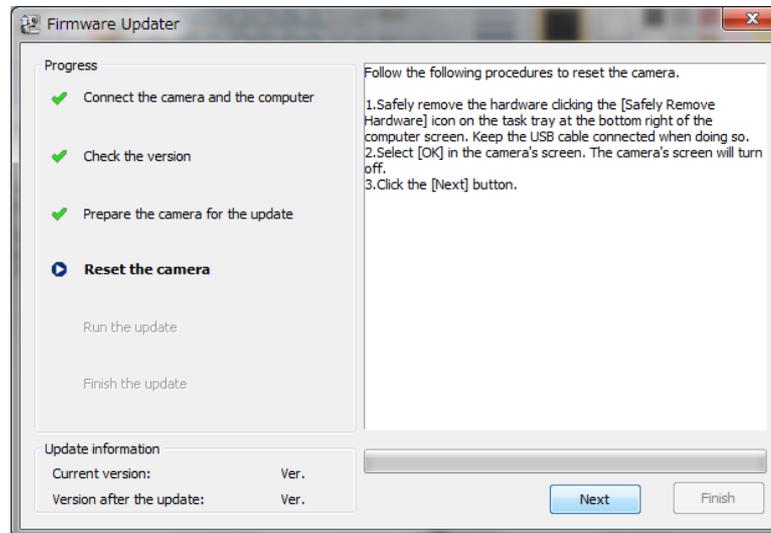
5. Reset the camera

1. Click   on the task tray at the lower right corner of the computer screen to stop the USB connection.

Note: Keep the USB cable connected even after stopping the USB connection on the computer with the above operation.

Note: If   is not displayed on the task tray, proceed to the next step.

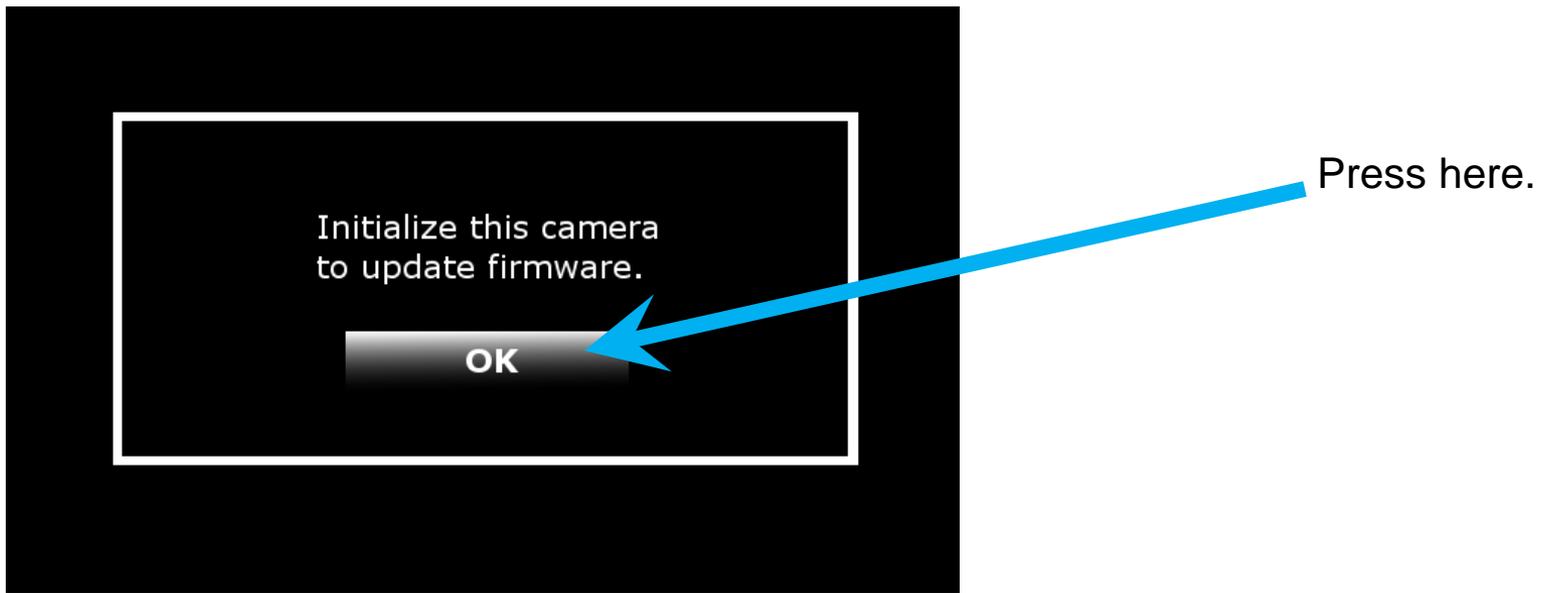
Figure 8



2. Press [OK] on the panel.

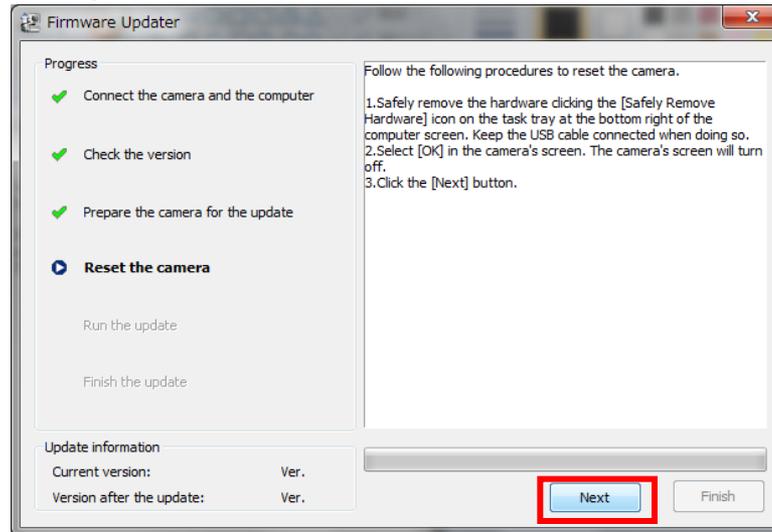
Note: The screen turns off when the center of the control wheel is pressed. Proceed to the next step.

Figure 9



3. Click [Next] on the Firmware Updater.

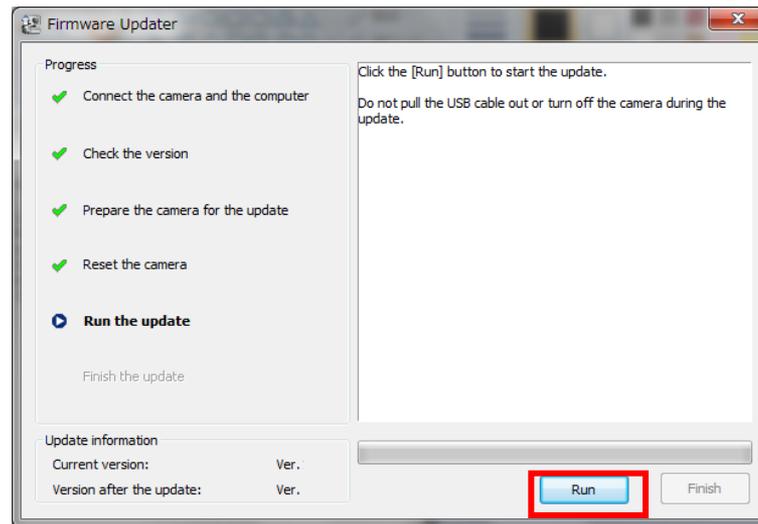
Figure 10



6. Start the update

1. After resetting, reconnection of the camera is verified, and the screen in Figure 11 appears.
2. Click [Run] to start the update.
The progress bar appears while updating (approximately 5 minutes).

Figure 11

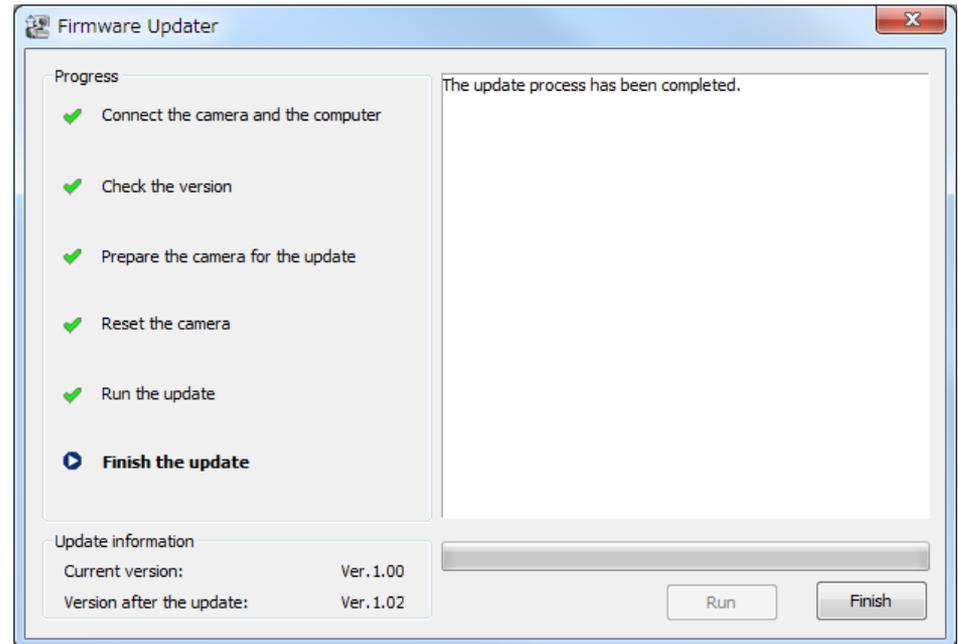


Note: Do not turn off the camera or disconnect the USB cable during the update.

7. Complete the update

1. When the update is completed, the “Finish the update” screen appears. Click [Finish].

Figure 12



2. Click   on the task tray at the lower right corner of the computer screen to stop the USB connection.

Note: If   is not displayed on the task tray, proceed to the next step.

3. Disconnect the USB cable.

Note: After the update is finished, turn off the camera, remove the AC adaptor, and turn on the camera again.

8. Check the system software version

Follow the instructions below to confirm that system software version is Ver.1.02.

Select [Menu] → [OTHERS] → [VERSION DISPLAY] on the camera.

The system software version is displayed (Figure 13).

Figure 13



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System software

Mac

For Mac OS



- When performing the system software update, use a fully charged rechargeable battery pack NP-FV70 or NP-FV100 (sold separately) or the AC adaptor.
- Do not remove the battery pack or AC adaptor during the update; otherwise, the camera may become inoperable due to the sudden power shutdown.
- Remove the memory card from the camera beforehand.
- Prevent your computer from entering sleep mode beforehand because it takes approximately 15 minutes to perform the system software update. For details on how to do this, consult the manufacturer.

1. Download the update file

Click on the files below to begin download.

Save the downloaded file to the Desktop of your computer (recommended).

PXW-X70



Update_PXWX70V102.dmg

File size: 67,391,124 byte

2. Start up Firmware Updater

1. Double click the downloaded file.

PXW-X70 : [Update_PXWX70V102.dmg]

Do not connect the camera yet at this point.

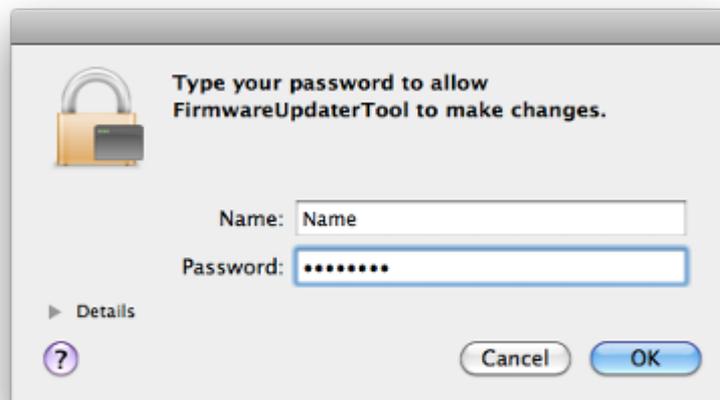
2. Double click the icon that appears on the Desktop.

PXW-X70 : [Update_PXWX70V102.dmg]

Double click the [Firmware Updater] icon.

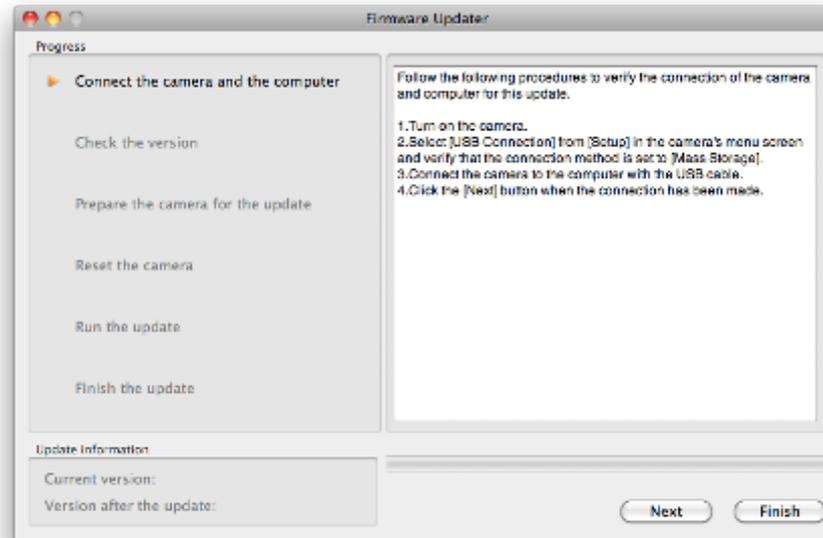
3. To load a kernel extension, the message prompts you to allow the application to make changes. Type the password for the administrative account. (MAC Figure 1)

MAC Figure 1



5. Firmware Updater starts up. (MAC Figure 2)

MAC Figure 2



3. Connect the camera to the computer

Remove the memory card from the camera beforehand.

1. Connect the camera to the computer with the supplied USB cable.

Note: When the camera is connected to the computer, the LCD screen of the camera turns off. Proceed to the next step.

- ✂ If the LCD screen of the camera dose not turn off, try the following methods:
- Disconnect the USB cable and reconnect it.
 - If the computer has multiple USB terminals, try the other USB terminals.

2. Click [Next] on Firmware Updater. Figure 4 appears on Firmware Updater, and Figure 5 appears on the LCD screen of the camera.

Note: From now on, do not turn off the camera until the system software update is completed.

MAC Figure 4: Firmware Updater

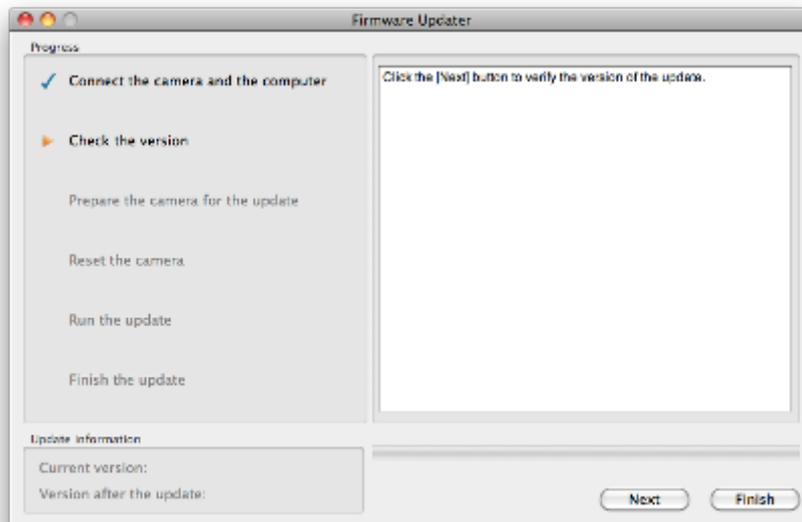
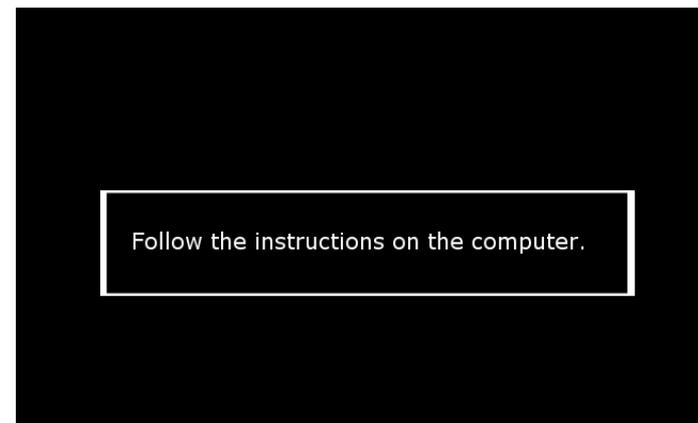


Figure 5: Camera's LCD screen



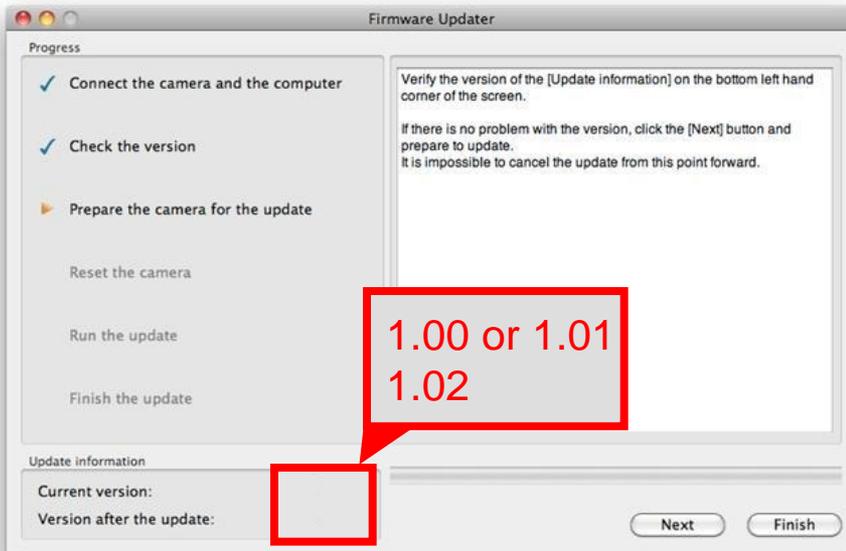
4. Check if the update is required

1. After confirming the screens in Figures 4 and 5, click [Next]. The current version and the version after the update appear on the lower left part of the screen. (Figure 6)
2. After confirming the screen in Figure 6, click [Next].
[Current version] is [Ver.1.01] or earlier.

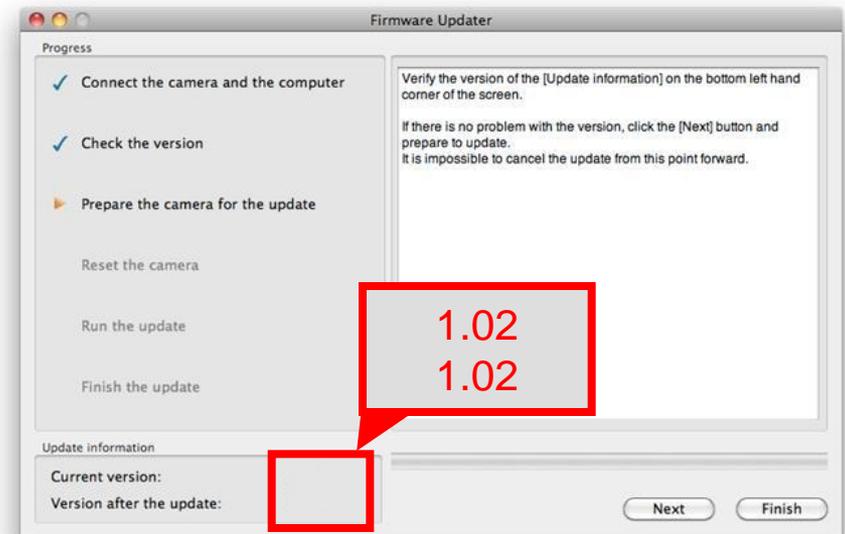
Note: If the screen in Figure 7 appears, the update is not required. According to the message, stop the USB connection, and click [Finish].

Turn off the camera, remove the battery pack or the AC adaptor, and then turn on the camera again.

MAC Figure 6: Update is required



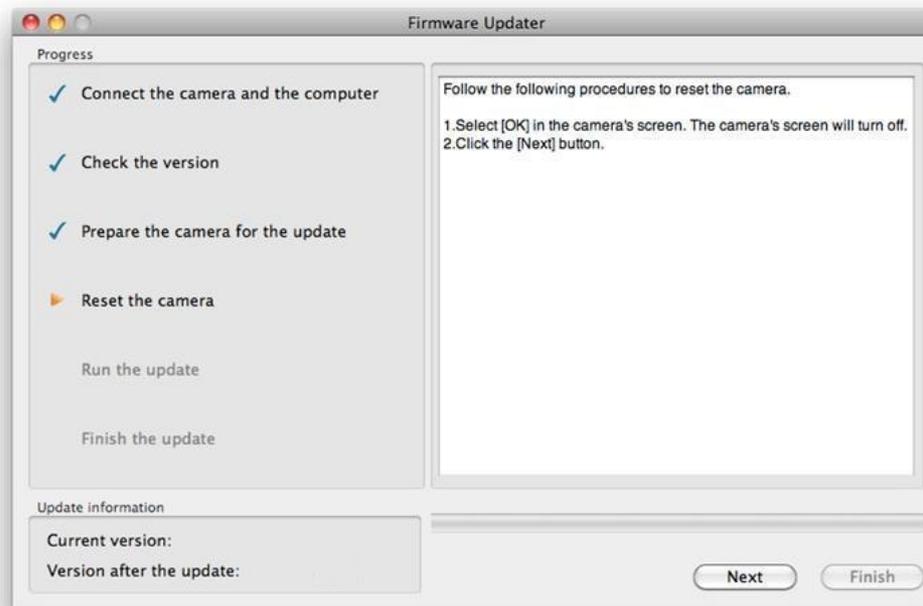
MAC Figure 7: Update is not required



5. Reset the camera

1. The screen below appears.

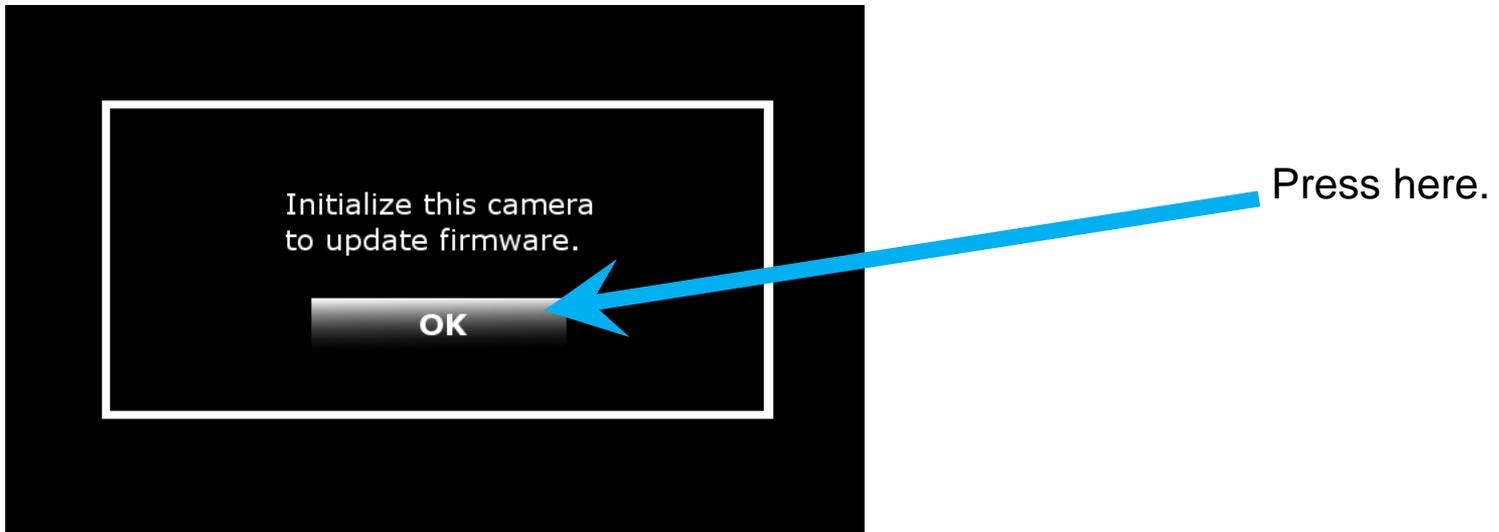
MAC Figure 8



2. Press [OK] on the panel.

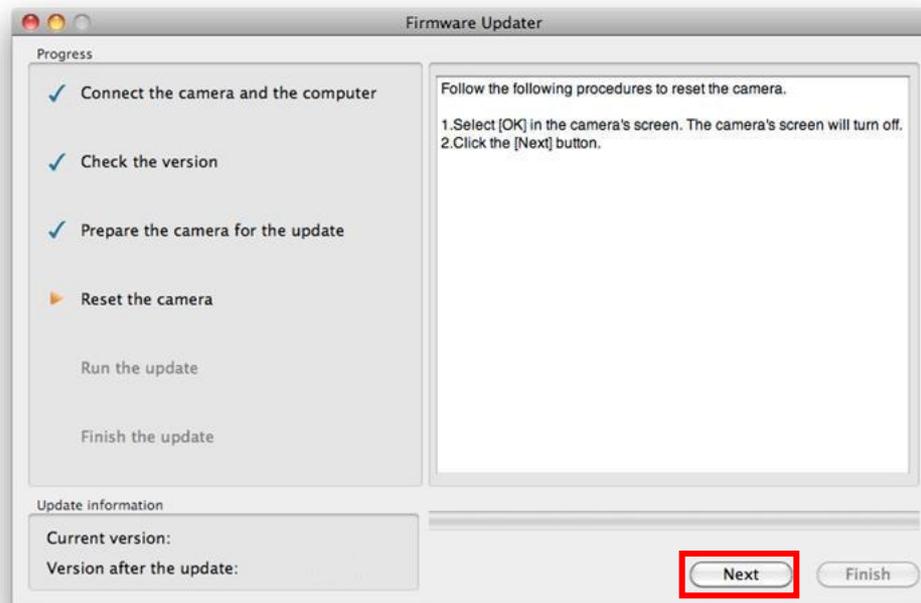
Note: The screen turns off when the center of the control wheel is pressed. Please proceed to the next step.

Figure 9



3. Click [Next] on Firmware Updater.

MAC Figure 10



6. Start the update

1. After resetting, reconnection of the camera is verified, and the screen in Figure 11 appears.
2. Click [Run] to start the update.
The progress bar appears while updating (approximately 5 minutes).

MAC Figure 11

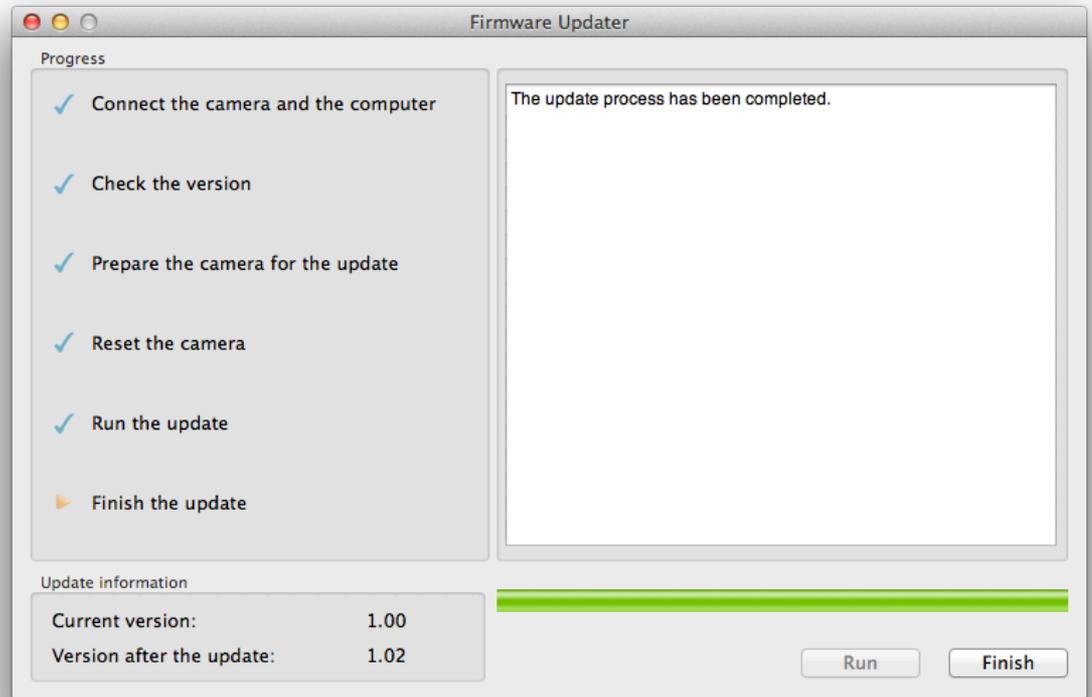


Note: Do not turn off the camera or disconnect the USB cable while updating.

7. Complete the update

1. When the update is completed, “Finish the update” screen appears. Click [Finish].

MAC Figure 12



2. Disconnect the USB cable.

Note: After the update is finished, turn off the camera, and then turn on the camera again.

8. Check the system software version

Follow the instructions below to confirm that system software version is Ver.1.02.

Select [Menu] → [OTHERS] → [VERSION DISPLAY] on the camera.
The system software version is displayed (Figure 13).

Figure 13

