Upgrading the COOLPIX 8700 Firmware

— *Windows* —

Thank you for choosing a Nikon product. This guide describes how to upgrade the camera firmware for the COOLPIX 8700. If you are not confident that you can perform the update successfully, the update can be performed by a Nikon service representative.
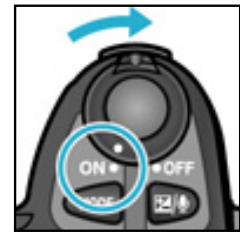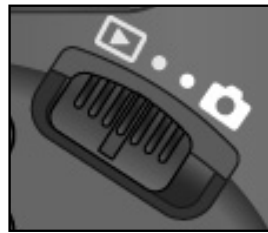
1 Get ready

To upgrade the firmware for the COOLPIX 8700, you will need:

- A COOLPIX 8700 digital camera
- A UC-E1 USB cable or a CompactFlash card reader
- One of the following power sources:
  - An EH-53 AC adapter
  - A fully-charged EN-EL1 rechargeable Li-ion battery
  - A fresh 2CR5 lithium battery
- A Nikon-approved CompactFlash memory card that has been formatted in the COOLPIX 8700
- The *Nikon Guide to Digital Photography with the COOLPIX 8700*

2 Check the current firmware version for the COOLPIX 8700

1   Open the camera monitor.
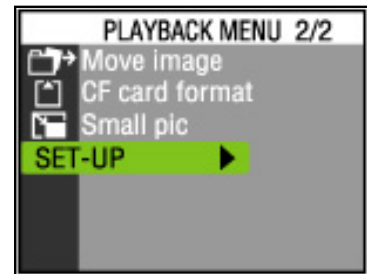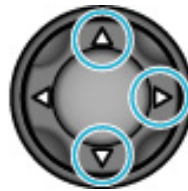
2   Insert a memory card.

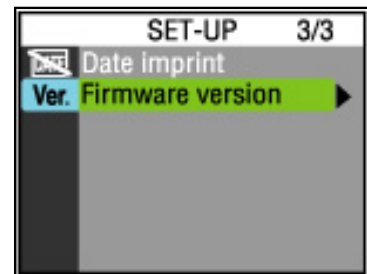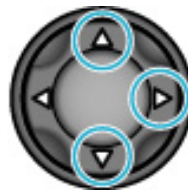**3**   Slide the mode selector to
▶ and turn the camera on.

4   Press the **MENU** button.

5   The playback menu will be
displayed in the camera
monitor. Press the multi
selector up or down to
highlight **SET-UP** and press
the multi selector to the right.

6   The setup menu will be
displayed in the camera
monitor. Press the multi
selector up or down to
highlight **Firmware
version** and press the multi selector to the
right.

7   The current firmware version will be displayed
in the monitor.
If the monitor shows "E8700 Ver 1.2," the
current camera firmware is version 1.2. This
update can be used with firmware version 1.2
or earlier.

8   After pressing the multi selector to the left to return to the setup menu,
press the **MENU** button to exit the playback menu.

9   Turn the camera off.

3 Download and extract the new firmware

1 Create a new folder on the hard disk and name it as desired.

Position the mouse cursor over an empty space on the desktop and click the right mouse button. Select **New** > **Folder** to create a new folder on the desktop. Name the folder as desired.

2 Position the mouse cursor over the **"Click here to Agree to License and Start Download"** link on the download site (above) and click the right mouse button. Select **Save target to file** and choose the folder created in step 3 -1. The file "CP8700fw13.zip" will be downloaded to the new folder.

3 Extract the firmware update.
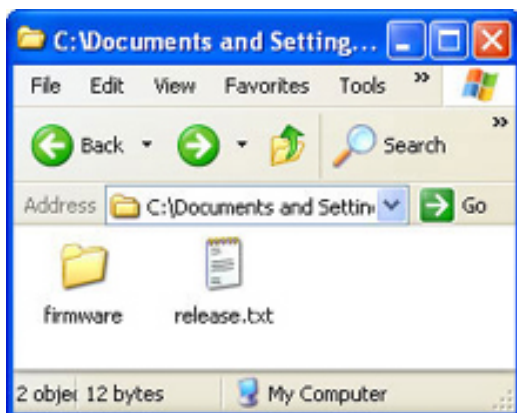In Windows XP, right click on the "CP8700fw13.zip" folder and choose "Extract All..."

Other versions of Windows - for general instructions on downloading and installing.

If installation is completed successfully, the folder "E8700Update" will be created in the new folder. The folder "E8700Update" will contain the following files and folders:
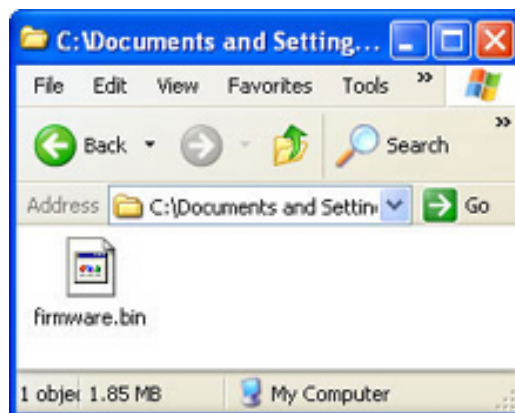
release.txt: Details the changes made with the release of firmware version 1.3

firmware: Folder containing camera firmware

firmware. bin: Camera firmware (in "firmware" folder)

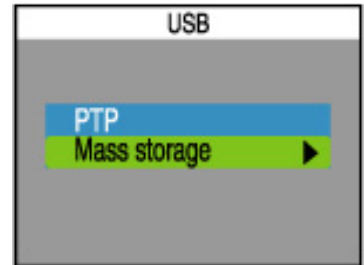"E8700Update" folder   "firmware" folder

4 Copy the firmware to the memory card

The firmware can be copied to the camera memory card either by connecting the computer directly to the COOLPIX 8700 using the USB cable, or by removing the memory card from the camera and inserting it in a CompactFlash card reader.
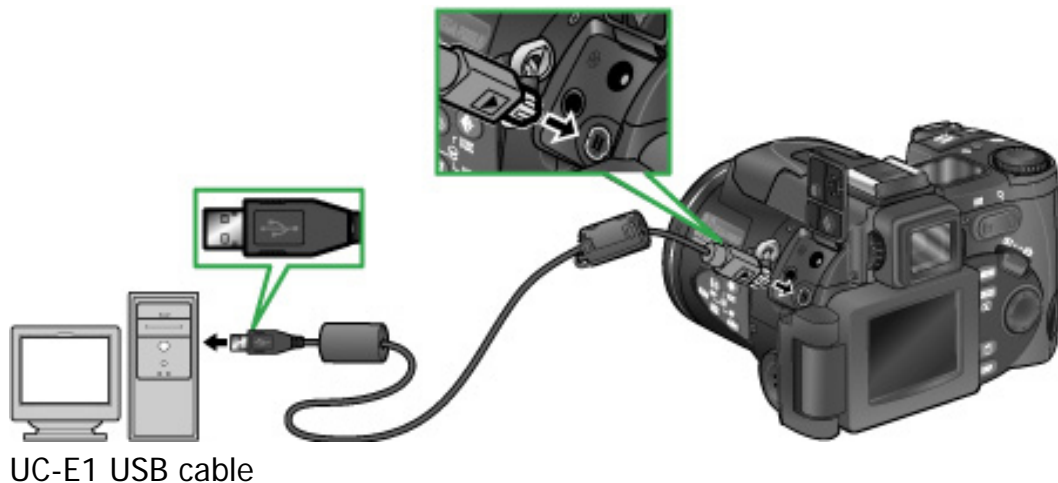
Direct USB Connection

1 Turn the camera off and insert the formatted memory card into the COOLPIX 8700. For information on formatting memory cards, see the ***Nikon Guide to Digital Photography with the COOLPIX 8700***.

2 Set the **USB** option in the camera setup menu to **Mass storage**.
Display the setup menu as described in steps 1–5 of Section 2, "Check the current camera firmware version," and set the **USB** option to **Mass Storage**.

3 Turn the camera off and connect the USB cable as shown below.

UC-E1 USB cable

4 Turn the camera on.*

- **If Nikon View is installed**
  Nikon Transfer will start automatically and display the message, "Camera or card contains no images. Nikon View will now terminate." Click **OK** to exit Nikon Transfer.
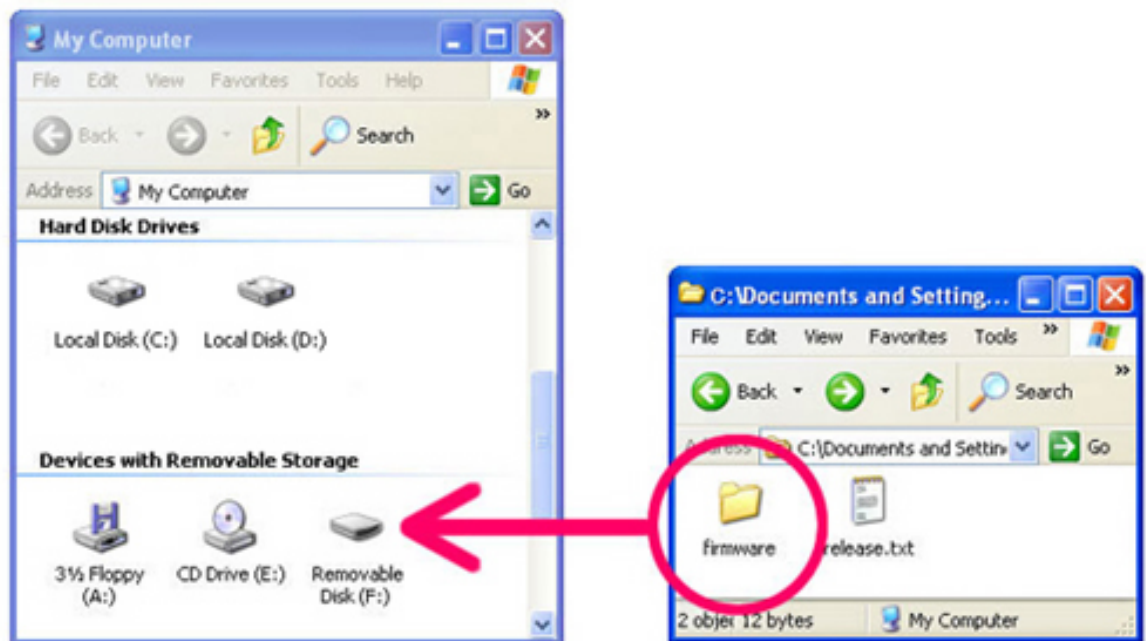
- **If PictureProject is installed**
  PictureProject Transfer will start automatically. Click **Cancel**.

  *   Under Windows XP, a Removable Disk
      dialog similar to that shown at right may
      be displayed. Select **Take no action** and
      click **OK**.

5   Copy the firmware to the memory card.

5-1. Copy the firmware to the removable disk corresponding to the camera.
     When the camera is connected and turned on, a new "Removable Disk" icon
     will be displayed in My Computer. Copy the "firmware" folder from the
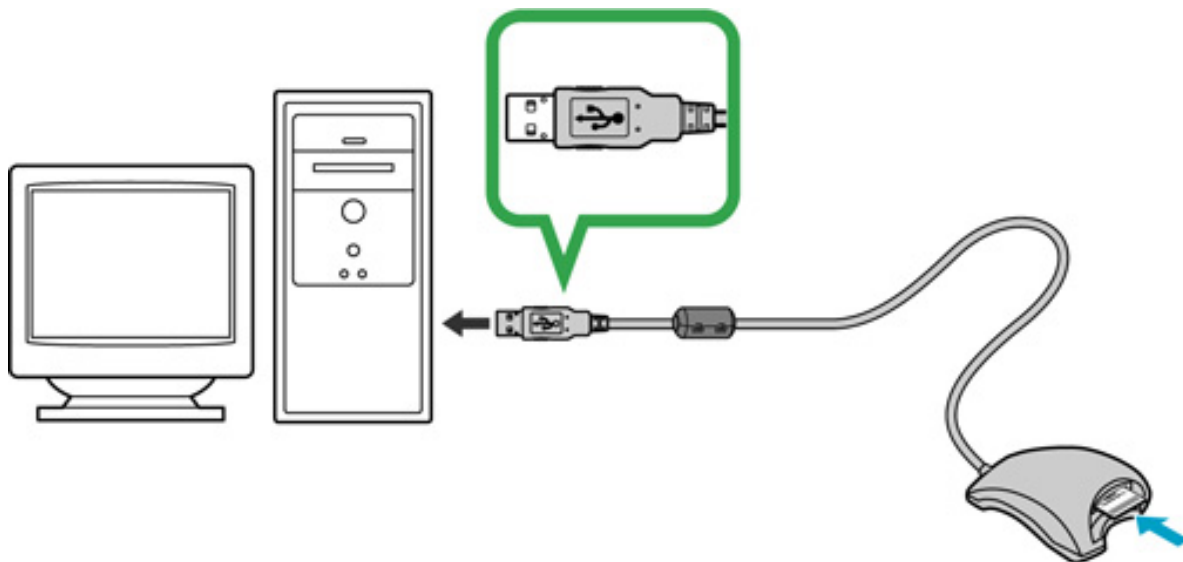   "E8700Update" folder to this removable disk. ;

Drive letters may differ

5-2. When copying is complete, check the contents of the removable disk.
     Open the "firmware" folder on the removable disk and confirm that it contains
     the file "firmware.bin."

6 Disconnect the camera.
For information on disconnecting the camera, see the *Nikon Guide to Digital Photography with the COOLPIX 8700* .

CompactFlash Card Reader

1 Connect the card reader to the computer.
For more information, see the documentation provided with the card reader.

2 Insert the formatted memory card into the card reader.*

- **If Nikon View is installed**
  Nikon Transfer will start automatically and display the message, "Camera or card contains no images. Nikon View will now terminate." Click **OK** to exit Nikon Transfer.

- **If PictureProject is installed**
  PictureProject Transfer will start automatically. Click **Cancel**.

* Under Windows XP, a Removable Disk dialog similar to that shown at right may be displayed. Select **Take no action** and click **OK**.
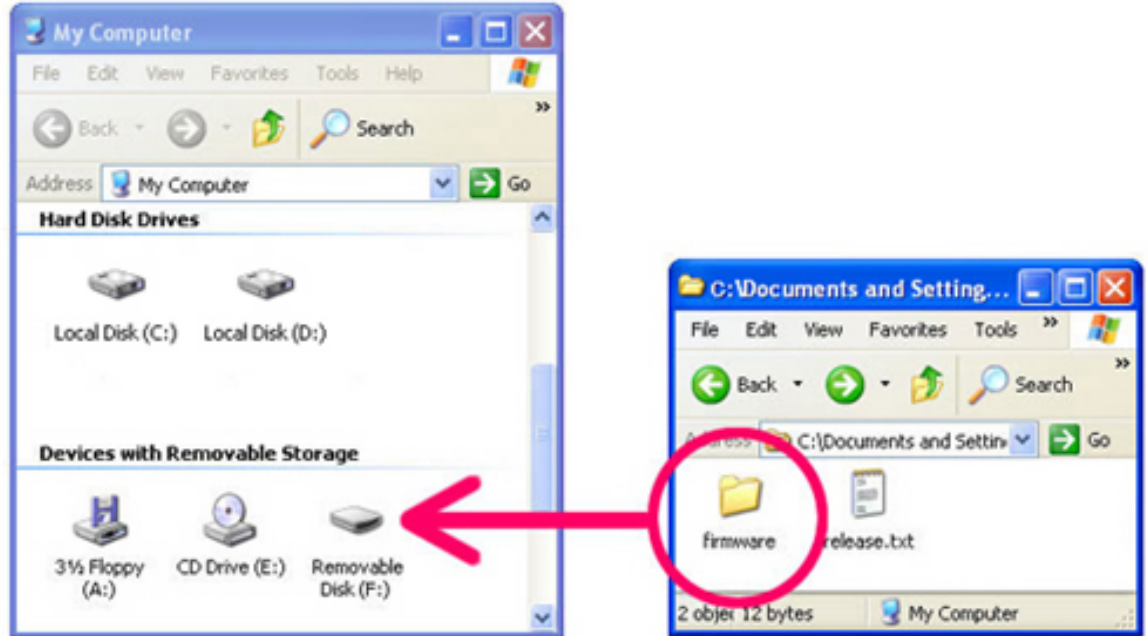
3   Copy the firmware to the memory card.

        3-1. Copy the firmware to the removable disk corresponding to the memory card. When the memory card is inserted, a new "Removable Disk" icon will be displayed in My Computer. Copy the "firmware" folder from the "E8700Update" folder to this removable disk.

        Drive letters may differ

        3-2. When copying is complete, check the contents of the removable disk. Open the "firmware" folder on the removable disk and confirm that it contains the file "firmware.bin."

        3-3. Remove the memory card. Right click on the removable disk and select **Eject** from the menu that appears. Remove the memory card from the card reader.

4   Disconnect the card reader.
For more information, see the documentation provided with the card reader.

5   # Update the camera firmware

Performing any of the following actions during the update could cause the COOLPIX 8700 to become inoperable:

- Removing the memory card
- Turning the camera off
- Unplugging or disconnecting the AC adapter

- Removing the battery
- Subjecting the camera to powerful electromagnetic noise

If you are not confident that you can perform the update successfully, the update can be performed by a Nikon service representative.

1   Insert the memory card containing the firmware into the COOLPIX 8700.
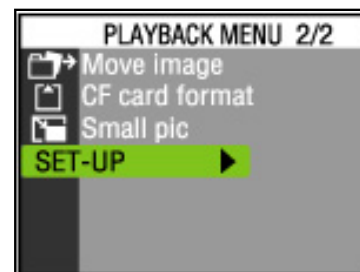
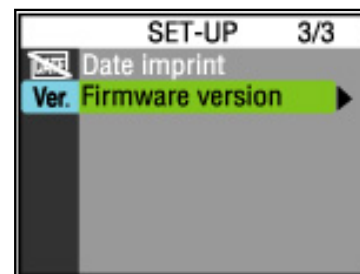**2**   Slide the mode selector to ▶ and turn the camera on.
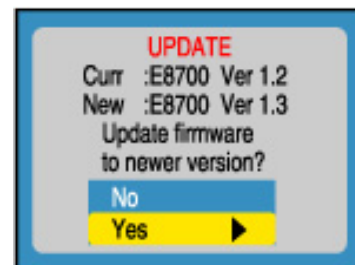
3   Press the **MENU** button.

4   The playback menu will be displayed in the camera monitor. Press the multi selector up or down to highlight **SET-UP** and press the multi selector to the right.
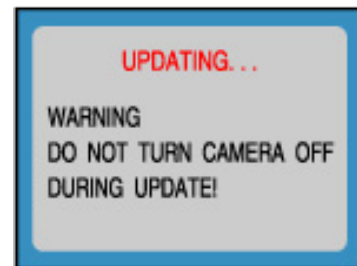
> PLAYBACK MENU 2/2
> Move image
> CF card format
> Small pic
> SET-UP ▶

5   The setup menu will be displayed in the camera monitor. Press the multi selector up or down to highlight **Firmware version** and press the multi selector to the right.

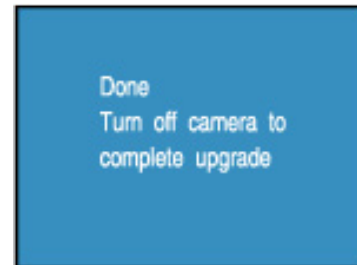> SET-UP 3/3
> Date imprint
> Ver. Firmware version ▶

6   A firmware update dialog will be displayed. Press the multi selector down to highlight **Yes**, then press the center of the multi selector to begin the update.

> UPDATE
> Curr :E8700 Ver 1.2
> New :E8700 Ver 1.3
> Update firmware to newer version?
> No
> Yes ▶

7   The message as shown at right will be displayed while the update is in progress.

8   The message as shown at right will be displayed when the update is complete.

9   Turn the camera off.

10   **Format the memory card.**
For information on formatting memory cards, see the ***Nikon Guide to Digital Photography with the COOLPIX 8700*** .

11   Confirm that the update was completed successfully.
11-1. Check the camera firmware version as described in **Step 2, "Check the current firmware version for the COOLPIX 8700"**.

11-2. If "E8700 Ver 1.3" is displayed in the monitor, the update was successful.

If the update was not successful, contact a Nikon service representative.

12   Restore the **USB** option to its original setting.
If you changed the **USB** setting from **PTP** to **Mass Storage** to update the camera firmware, return to the **USB** menu and select **PTP**. See the ***Nikon Guide to Digital Photography with the COOLPIX 8700***   for details.

This completes the firmware update.