

Nikon D70

Digital Camera

Quick Start Guide

En



Read this guide for a basic introduction to taking pictures with your D70 in **Auto** (auto) mode using default "point-and-shoot" settings.

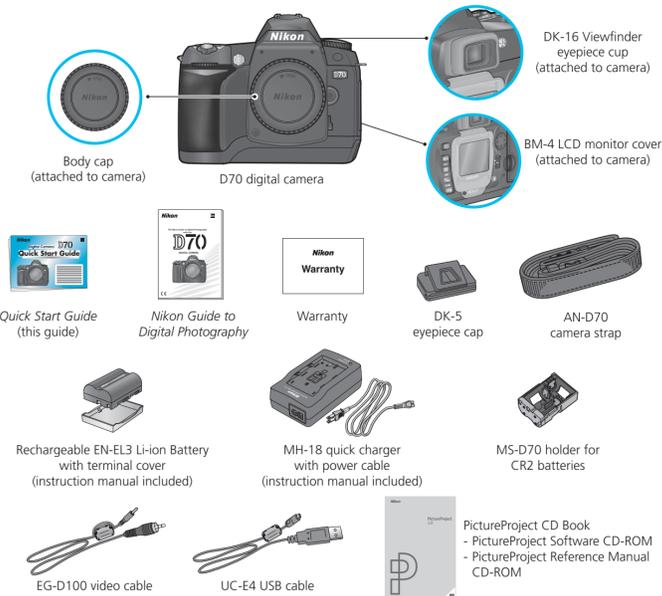
The reverse side provides instructions for installing PictureProject and transferring pictures to your computer.

Complete information on using your Nikon digital camera can be found in the *Nikon Guide to Digital Photography with the D70* or the *PictureProject Reference Manual* (on CD).

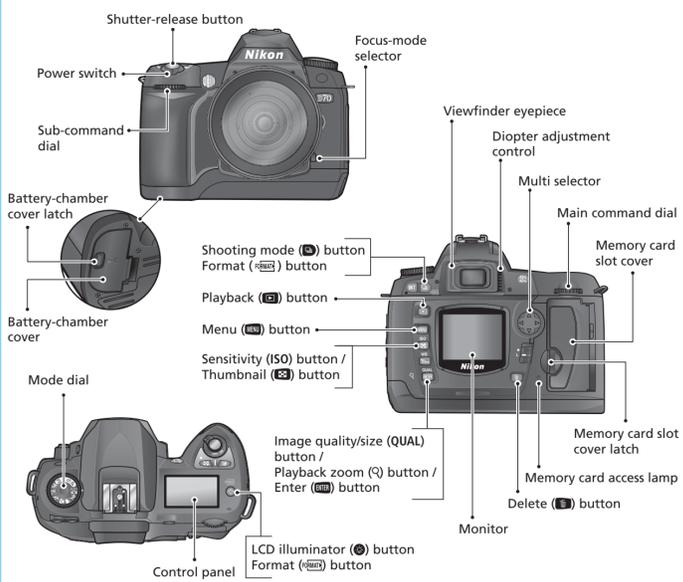
Unpack the camera

Be sure all items listed here were included with your camera.

NOTE: Memory cards are sold separately.



Parts of the Camera



To Users of Digital Cameras with Interchangeable Lenses: Foreign Matter on the Low-Pass Filter

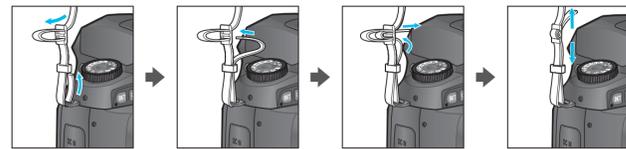
Nikon takes every possible precaution to prevent foreign matter from coming into contact with the low-pass filter during production and shipping. The D70, however, is designed to be used with interchangeable lenses, and foreign matter may enter the camera when lenses are removed or exchanged. Once inside the camera, this foreign matter may adhere to the low-pass filter, where it may appear in photographs taken under certain conditions. To prevent foreign matter from entering the camera, do not exchange lenses in dusty environments. To protect the camera when no lens is in place, be sure to replace the body cap provided with the camera, being careful to first remove all dust and other foreign matter that may be adhering to the body cap.

Should foreign matter find its way onto the low-pass filter, clean the low-pass filter as instructed on pages 194-195 of the *Guide to Digital Photography*, or have the low-pass filter cleaned by authorized Nikon service personnel. Photographs affected by the presence of foreign matter on the low-pass filter can be retouched using Nikon Capture 4 version 4.1 or later (available separately) or the clean image options available in some third-party imaging software.

Ready the camera

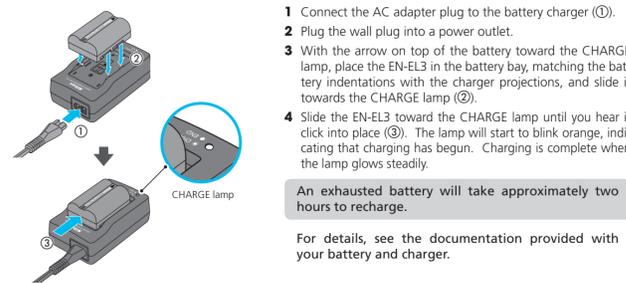
1 Attach the camera strap

Attach the camera strap as shown. Repeat for the second eyelet.



2 Charge the battery

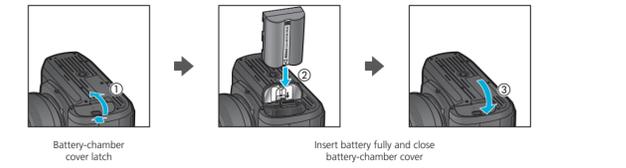
Charge the EN-EL3 battery using the MH-18 quick charger provided with your camera.



An exhausted battery will take approximately two hours to recharge.

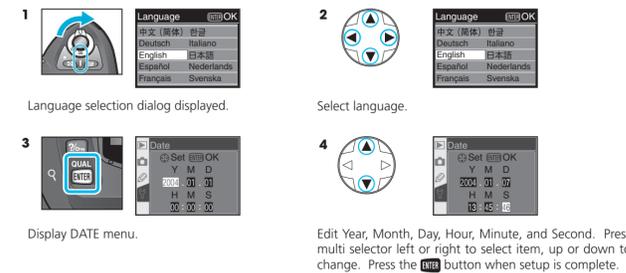
3 Insert the battery

- Turn the camera off.
- Slide the battery-chamber cover latch to the open position and open the battery-chamber cover. Slide the EN-EL3 battery into the battery chamber as shown.
- Close the battery-chamber cover.



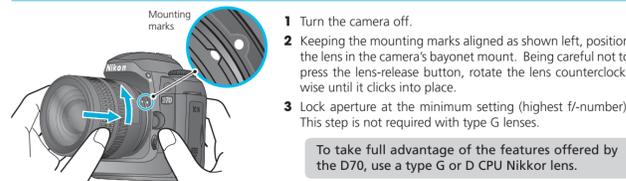
4 Choose a language and set the clock

The first time the camera is turned on, a language-selection dialog will be displayed. Choose a language and set the time and date. For details, see the *Guide to Digital Photography*, page 16.



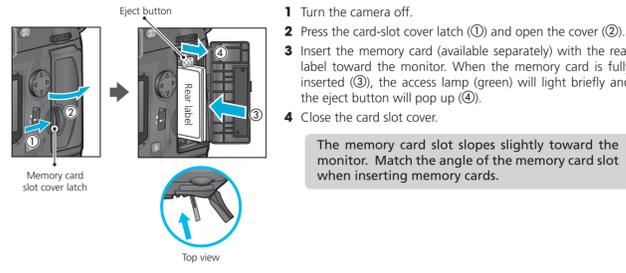
No operations can be performed until a language has been selected and the clock has been set. If you exit the menus without pressing the **ENTER** button, the language-selection dialog will be displayed the next time the camera is turned on.

5 Attach a lens



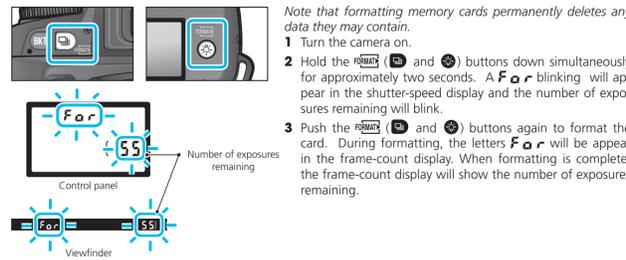
To take full advantage of the features offered by the D70, use a type G or D CPU Nikkor lens.

6 Insert a memory card



The memory card slot slopes slightly toward the monitor. Match the angle of the memory card slot when inserting memory cards.

7 Format the memory card

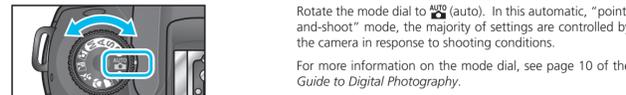


Note that formatting memory cards permanently deletes any data they may contain.

- Turn the camera on.
- Hold the **Format** (F) and **Playback** (P) buttons down simultaneously for approximately two seconds. A **F** or **r** will appear in the shutter-speed display and the number of exposures remaining will blink.
- Push the **Format** (F) and **Playback** (P) buttons again to format the card. During formatting, the letters **F** or **r** will appear in the frame-count display. When formatting is complete, the frame-count display will show the number of exposures remaining.

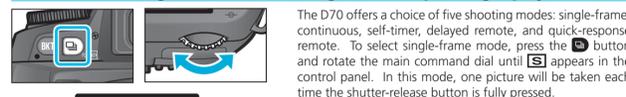
Take a picture

1 Select AUTO mode



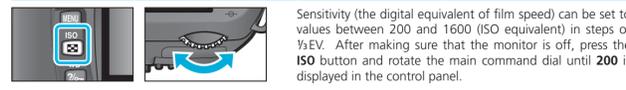
Rotate the mode dial to **Auto** (auto). In this automatic, "point-and-shoot" mode, the majority of settings are controlled by the camera in response to shooting conditions.

2 Set the shooting mode to S (single-frame photography)



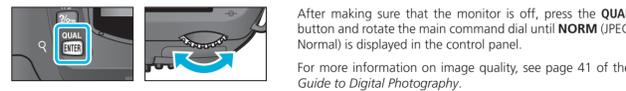
The D70 offers a choice of five shooting modes: single-frame, continuous, self-timer, delayed remote, and quick-response remote. To select single-frame mode, press the **S** button and rotate the main command dial until **S** appears in the control panel. In this mode, one picture will be taken each time the shutter-release button is fully pressed.

3 Set sensitivity (ISO equivalency) to ISO 200 equivalent



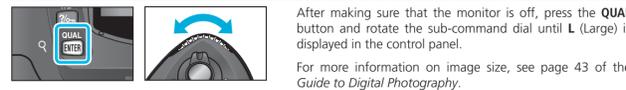
Sensitivity (the digital equivalent of film speed) can be set to values between 200 and 1600 (ISO equivalent) in steps of 1/3EV. After making sure that the monitor is off, press the **ISO** button and rotate the main command dial until **200** is displayed in the control panel.

4 Set image quality to NORM (JPEG Normal)



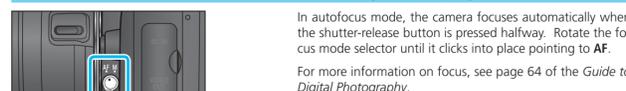
After making sure that the monitor is off, press the **QUAL** button and rotate the sub-command dial until **NORM** (JPEG Normal) is displayed in the control panel.

5 Set image size to L (Large)



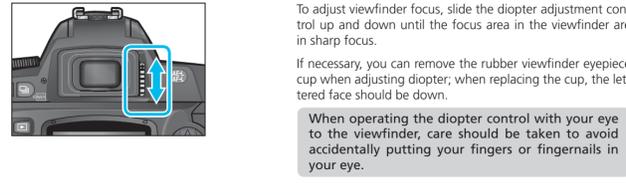
After making sure that the monitor is off, press the **QUAL** button and rotate the sub-command dial until **L** (Large) is displayed in the control panel.

6 Rotate the focus-mode selector to AF (autofocus)



In autofocus mode, the camera focuses automatically when the shutter-release button is pressed halfway. Rotate the focus mode selector until it clicks into place pointing to **AF**.

7 Adjust viewfinder focus

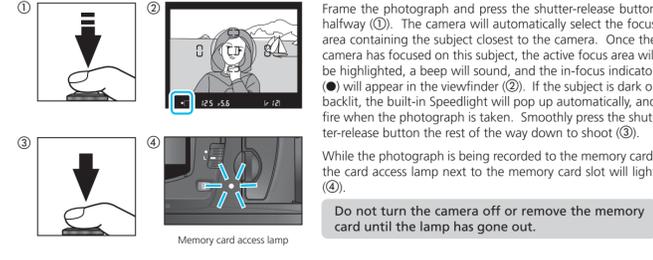


To adjust viewfinder focus, slide the diopter adjustment control up and down until the focus area in the viewfinder are in sharp focus.

If necessary, you can remove the rubber viewfinder eyepiece cup when adjusting diopter; when replacing the cup, the lettered face should be down.

When operating the diopter control with your eye to the viewfinder, care should be taken to avoid accidentally putting your fingers or fingernails in your eye.

8 Frame your photograph and shoot



Frame the photograph and press the shutter-release button halfway (1). The camera will automatically select the focus area containing the subject closest to the camera. Once the camera has focused on this subject, the active focus area will be highlighted, a beep will sound, and the in-focus indicator (2) will appear in the viewfinder. If the subject is dark or backlit, the built-in Speedlight will pop up automatically, and fire when the photograph is taken. Smoothly press the shutter-release button the rest of the way down to shoot (3).

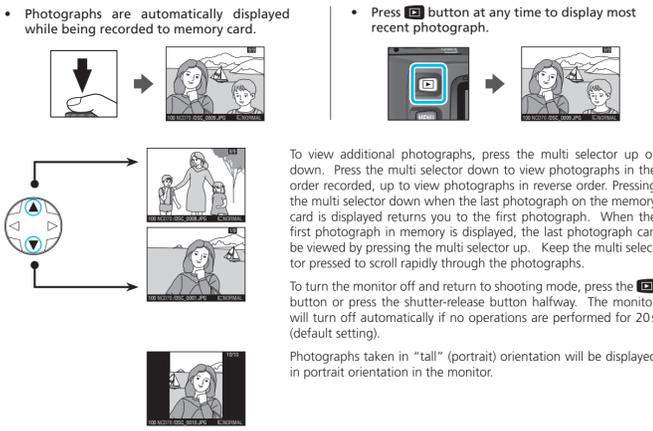
While the photograph is being recorded to the memory card, the card access lamp next to the memory card slot will light (4).

Do not turn the camera off or remove the memory card until the lamp has gone out.

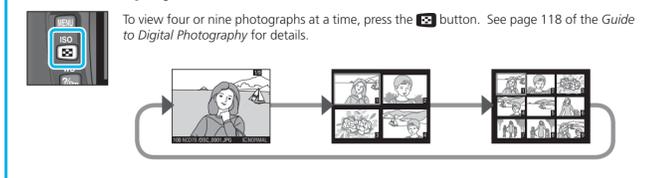
Playing Photographs Back

Viewing photographs

Photographs are displayed in the monitor during recording and when the **PLAYBACK** button is pressed.

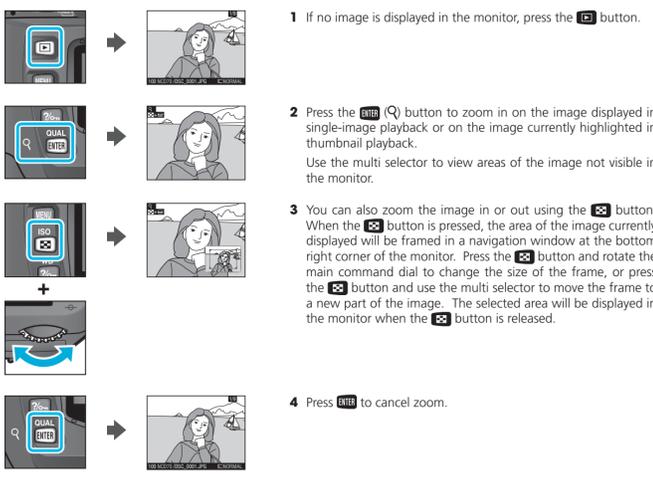


Thumbnail playback



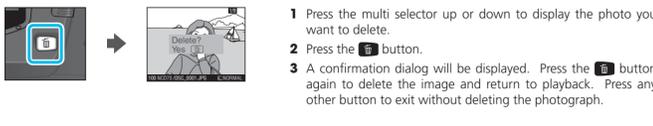
Zooming in for a closer look

Press the **ENTER** button to zoom in on the image displayed in single-image playback or on the image currently highlighted in thumbnail playback. Press the **ENTER** button again to cancel zoom.



Deleting photographs

To delete a photograph displayed in single-image playback, or the photograph highlighted in thumbnail playback, press the **DELETE** button. Once deleted, photographs can not be recovered.



Viewing Pictures on a Computer

Supported Operating Systems: Windows •Windows XP Home Edition/Windows XP Professional (pre-installed versions only) •Windows Millennium Edition (Me) •Windows 2000 Professional •Windows 98 Second Edition (SE) Macintosh •Mac OS X (10.1.5 or later)

Users of Mac OS 9.0-9.2, and versions 10.1.2-10.1.4 of Mac OS X can download Nikon View 6 at <http://nikonimaging.com/>.

Pictures taken with your D70 can be transferred to a computer, where they can be viewed and organized. To transfer your pictures, you will need to install PictureProject as described below. For complete instructions on using PictureProject, see the *PictureProject Reference Manual* (on CD).

Step1 Install PictureProject

Depending on the version of PictureProject installed, the installation process and the dialogs and messages displayed may differ from those described here.

Before installing PictureProject:

- Turn off any virus-checking software
- Exit all other applications that may be running

Before Connecting the Camera

Before connecting your camera to a computer, make sure that PictureProject is installed and you have taken at least one picture with your camera.

Nikon View

Before installing PictureProject, uninstall Nikon View.

Nikon Capture

PictureProject can be used with the following versions of Nikon Capture (available separately):
 • Nikon Capture 3 version 3.5.3 or later • Nikon Capture 4 version 4.1 or later
 The RAW (NEF) images edited in PictureProject can not be opened in Nikon Capture 3 version 3.5.2 or earlier or Nikon Capture 4 version 4.0; please update to the latest version of Nikon Capture 3 or Nikon Capture 4, available for free download at the Nikon websites listed below:
 • For users in the U.S.A.: <http://www.nikonusa.com/>
 • For users in Europe: <http://www.europe-nikon.com/support>
 • For users in Asia, Oceania, the Middle East, and Africa: <http://www.nikon-asia.com/>

Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional, Mac OS X

When installing, using, or uninstalling PictureProject, log on as a "Computer administrator" (Windows XP Home Edition, Windows XP Professional), "Administrator" (Windows 2000 Professional), or "Admin" (Mac OS X).

Windows

- 1 Start the computer.
- 2 Insert the PictureProject installer CD into a CD-ROM drive. The "Select Language" dialog will be displayed. Select a language from the pop-up menu and click **Next**.



If the "Select Language" Dialog Is Not Displayed Automatically
 Select **My Computer** from the **Start** menu (Windows XP) or double-click the **My Computer** icon on the desktop (other versions of Windows) and double-click the CD (PictureProject) icon.

- 3 The Install Center program will launch automatically. Click **Easy Install** to install a Mass Storage driver (Windows 98SE only), a driver for D1-series cameras, Apple QuickTime 6, Nikon FotoShare, and PictureProject.



Windows 98SE
 Clicking **Easy Install** displays the dialog shown at right. Follow the on-screen instructions to install the Mass Storage (Coolpix Camera) driver.



- 4 Follow the on-screen instructions to install the driver for D1-series cameras.
- 5 Installation of QuickTime 6 opens with the dialog shown at right. Click **Yes**.



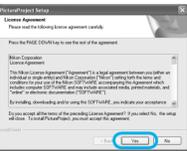
- 6 The Nikon FotoShare setup program will start. Follow the on-screen instructions to complete installation.



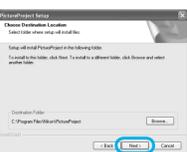
- 7 Click **OK** to exit the Nikon FotoShare setup program.



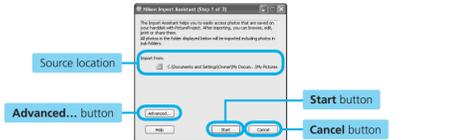
- 8 The PictureProject installer will start. After reading the license agreement, click **Yes** to accept its terms and proceed with installation.



- 9 The destination folder for PictureProject will be displayed; click **Next**.



- 10 Click **Yes** to create a new folder for PictureProject.
- 11 Click **Yes** to create a shortcut to PictureProject on the desktop.
- 12 Click **Finish** to complete installation.
- 13 Click **Yes** to restart the computer.
- 14 When the computer restarts, the PictureProject Import Assistant will be displayed.



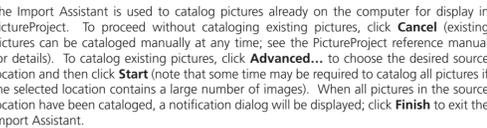
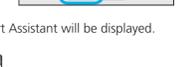
The Import Assistant is used to catalog pictures already on the computer for display in PictureProject. To proceed without cataloging existing pictures, click **Cancel** (existing pictures can be cataloged manually at any time; see the PictureProject reference manual for details). To catalog existing pictures, click **Advanced...** to choose the desired source location and then click **Start** (note that some time may be required to catalog all pictures if the selected location contains a large number of images). When all pictures in the source location have been cataloged, a notification dialog will be displayed; click **Finish** to exit the Import Assistant.

For more information on importing pictures into PictureProject, see the *PictureProject Reference Manual* (on CD).

- 15 After exiting the Import Assistant, remove the PictureProject installer CD from the CD-ROM drive.

Macintosh

- 1 Start the computer.
- 2 Insert the PictureProject installer CD into a CD-ROM drive. Double-click the PictureProject installer CD icon on the desktop, then double-click the **Welcome** icon.
- 3 The "Select Language" dialog will be displayed. Select a language from the pop-up menu and click **Next**.
- 4 The Install Center program will launch automatically. Click **Easy Install** to install PictureProject. Apple QuickTime 6 will also be installed if an earlier version is currently installed on the computer. Once installation is complete, European users can install Nikon FotoShare by copying the "FotoShare" folder to the hard disk (Step 13).
- 5 The message shown at right will be displayed. Click **OK**.
- 6 Enter the administrator name and password and click **OK**.
- 7 The PictureProject installer will start. Click **Install**.
- 8 The dialog shown at right will be displayed. Click **Yes**.
- 9 Click **Yes** to add PictureProject to the Dock, **No** to proceed without adding PictureProject to the Dock.
- 10 Click **Quit** to complete installation.



Apple QuickTime 6
 If an older version of QuickTime is installed on your computer, the QuickTime 6 installer will start automatically. Follow the on-screen instructions to complete installation. When the dialog shown at right is displayed, click **Continue** without completing the "Registered To," "Organization," and "Registration Number" fields. On some systems, the QuickTime installer may require considerable time to complete installation.



- 11 Click **Restart** to restart the computer (the dialog shown below at right will be displayed only if QuickTime 6 has been installed).



- 12 When the computer restarts, log in to the "Admin" account. The PictureProject Import Assistant will be displayed.



The Import Assistant is used to catalog pictures already on the computer for display in PictureProject. To proceed without cataloging existing pictures, click **Cancel** (existing pictures can be cataloged manually at any time; see the PictureProject reference manual for details). To catalog existing pictures, click **Advanced...** to choose the desired source location and then click **Start** (note that some time may be required to catalog all pictures if the selected location contains a large number of images). When all pictures in the source location have been cataloged, a notification dialog will be displayed; click **Finish** to exit the Import Assistant.

For more information on importing pictures into PictureProject, see the *PictureProject Reference Manual* (on CD).

- 13 After exiting the Import Assistant, open the "FotoShare" folder on the Picture Project installer CD and install Nikon FotoShare by dragging the **Nikon FotoShare** icon to the "Applications" folder on the hard disk. When copying is complete, remove the PictureProject installer CD from the CD-ROM drive.

PictureProject

Organize—it's a snap

Transfer...
 Transferring pictures to a computer couldn't be easier—just connect the camera and click.

Catalog...
 Catalog existing pictures by importing them into PictureProject.

...and organize
 Organize pictures into categories (collections)—without copying or moving them between folders! Each picture can belong to multiple collections.

Retouch—with a single click

Better pictures are just a click away
 Enhance pictures with a single click. PictureProject can also be used to trim pictures and eliminate red-eye.

Save—your memories on disk

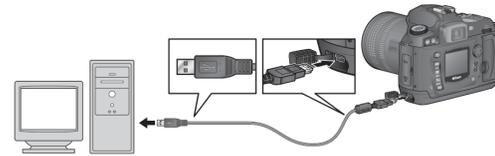
Store pictures on CD or DVD
 Save pictures to CD or DVD for long-term storage.

Note: This feature will be available in future versions of PictureProject, which can be downloaded automatically using Nikon Message Center (note that automatic update is not available in Spain).

Step2 Transfer pictures

Use a Reliable Power Source
 When transferring pictures between the camera and the computer, use a fully-charged EN-EL3 battery. If in doubt, charge the battery before beginning transfer or use an EH-5 AC adapter (available separately). Do not, under any circumstances, use another make or model of AC adapter.

- 1 Turn the camera off and insert a memory card that contains pictures (see the front of this guide for information on inserting memory cards).
- 2 Turn the computer on and wait for it to start up. Using the UC-E4 USB cable, connect the camera to the computer as shown below.



USB Hub
 The camera may not function as expected when connected via a USB hub or keyboard.

- 3 Turn the camera on. PictureProject will automatically detect the camera and display the PictureProject Transfer window.

AutoPlay (Windows XP)
 When you turn the camera on, the dialog below will be displayed. Select **Copy pictures to a folder on my computer using PictureProject** and click **OK** to start PictureProject. To bypass this dialog in the future, check **Always do the selected action**.



- 4 Click **Transfer** to transfer all the pictures on the camera memory card to the computer.

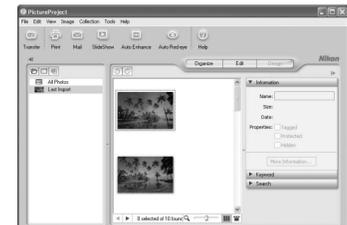


Windows



Macintosh

- 5 When transfer is complete, the pictures will be displayed in the PictureProject window.



Windows



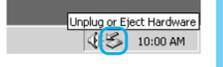
Macintosh

- 6 Once your pictures are displayed in PictureProject, transfer is complete and you can remove the camera from the system.

Windows XP Home Edition/Windows XP Professional
 Click the "Safely Remove Hardware" icon in the taskbar and select **Safely remove USB Mass Storage Device** from the menu that appears.



Windows 2000 Professional
 Click the "Unplug or Eject Hardware" icon in the taskbar and select **Stop USB Mass Storage Device** from the menu that appears.



Windows Millennium Edition (Me)
 Click the "Unplug or Eject Hardware" icon in the taskbar and select **Stop USB Disk** from the menu that appears.



Windows 98 Second Edition (SE)
 In My Computer, click with the right mouse button on the removable disk corresponding to the camera and select **Eject** from the menu that appears.



Mac OS X
 Drag the "NIKON D70 (NIKON_D70)" camera volume into the Trash.



Share—on paper or by e-mail

Set pictures to music
 Create slide shows with background music and cross fade or wipe effects.

Print to order
 Print pictures in a variety of sizes and layouts.

Share pictures by e-mail
 Send selected pictures by e-mail. Multiple pictures can be sent as a single attachment.

Share pictures on-line
 Invite friends and family to view pictures on-line with a FotoShare "P-mail."

Update—automatically

Keep up-to-date with Nikon Message Center
 Nikon Message Center automatically checks for PictureProject updates, ensuring that you always have the latest version.
 * Not available in Spain.