Nikon

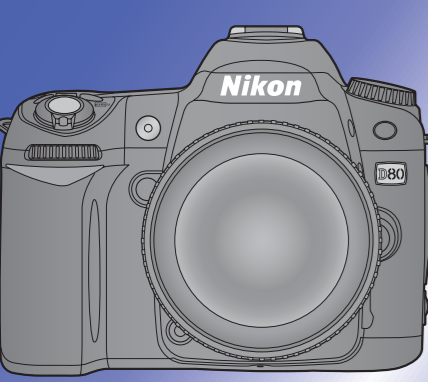## Digital Camera D80

Quick Start Guide

This guide provides first-time users with information on taking photographs with the D80, on copying photographs to a computer, and printing photographs. Complete information on using your Nikon digital camera can be found in the *Nikon Guide to Digital Photography with the D80* and the *PictureProject reference manual* (on CD).

Digitutor

"Digitutor," a series of "watch and learn" manuals in movie form, is available at the following website:

http://www.nikondigitutor.com/index_eng.html

Package Contents

Confirm that the package contains the items listed below. Purchasers of the lens kit option should confirm that the package also includes a lens. Memory cards are *not* provided; please use one of the memory cards listed on page 122 of the *Guide to Digital Photography*.
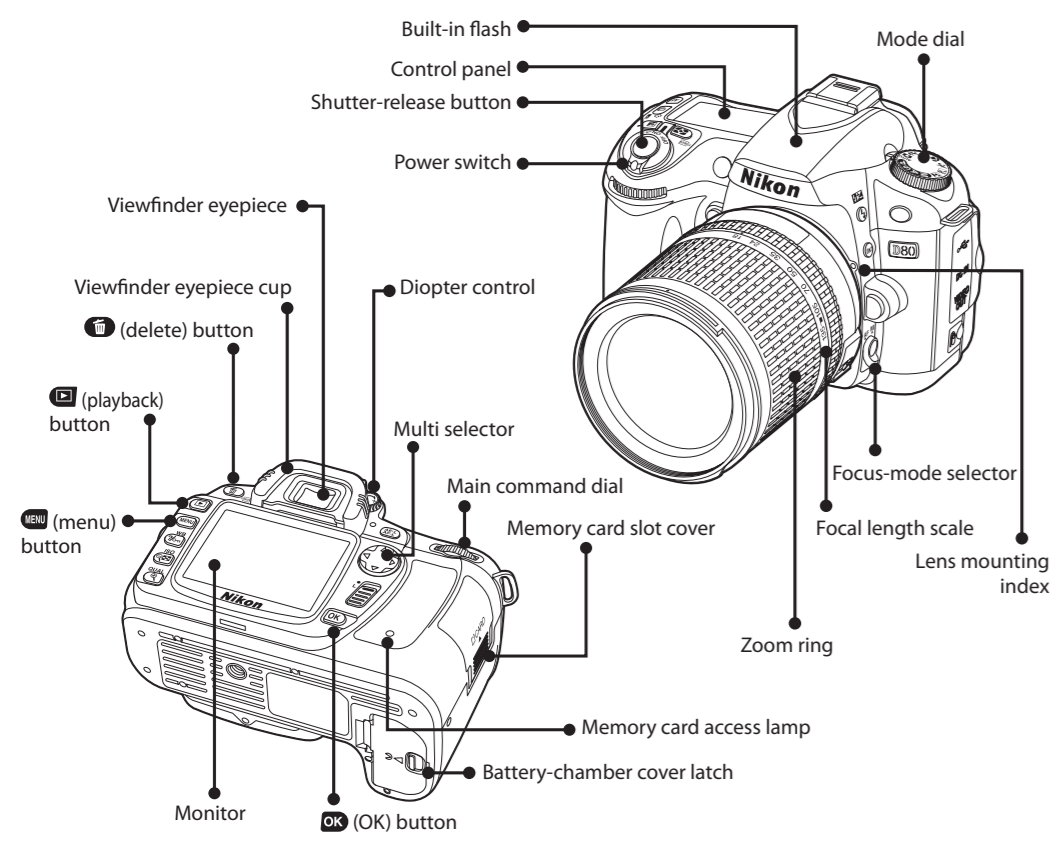
The following items are found on the camera:

❏ Accessory shoe cover
❏ DK-21 viewfinder eyepiece
❏ Body cap

D80 camera
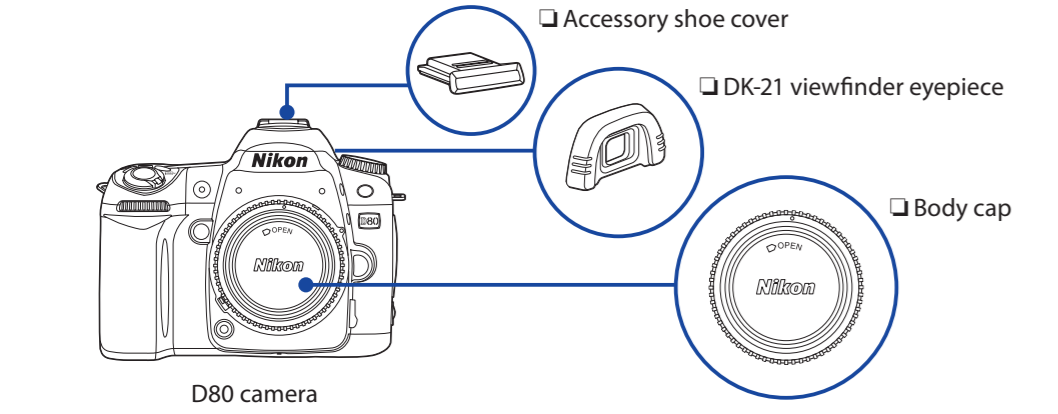
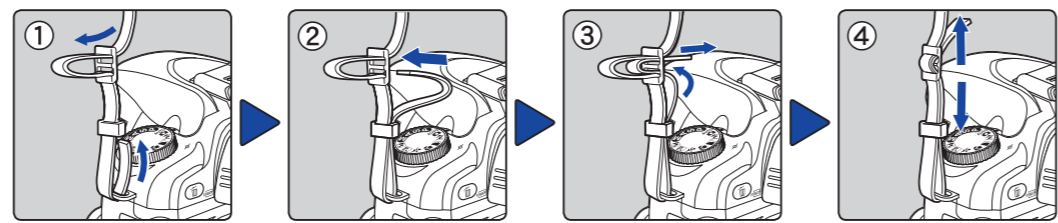*The following items are included with the camera:*

❏ *Quick Start Guide* (this guide)
❏ *Guide to Digital Photography*
❏ Warranty
❏ PictureProject installer CD (gray)
❏ PictureProject reference CD (silver)
❏ EN-EL3e rechargeable Li-ion battery (with terminal cover)
❏ MH-18a Quick Charger (with power cord*)
  Shape of cord depends on country of sale.
❏ EG-D2 audio / video cable
❏ Strap
❏ UC-E4 USB cable
❏ DK-5 eyepiece cap (for use with self-timer; clips to strap)
❏ BM-7 LCD monitor cover

Parts of the Camera

- Built-in flash
- Control panel
- Shutter-release button
- Power switch
- Mode dial
- Viewfinder eyepiece
- Viewfinder eyepiece cup
- 🗑 (delete) button
- ▶ (playback) button
- Diopter control
- Multi selector
- Main command dial
- MENU (menu) button
- Memory card slot cover
- Focus-mode selector
- Focal length scale
- Lens mounting index
- Zoom ring
- Memory card access lamp
- Battery-chamber cover latch
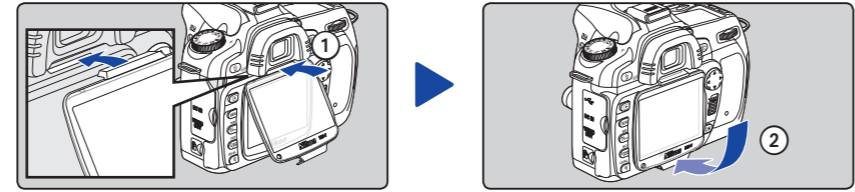- Monitor
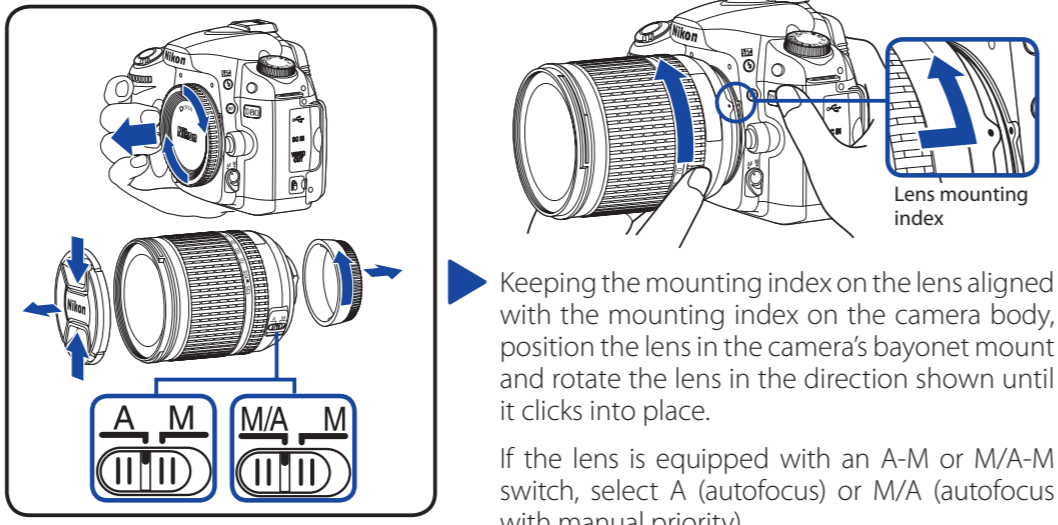- OK (OK) button

Setup

1 Attach the Strap

① ② ③ ④

2 Attach the Monitor Cover

To attach the cover, insert the projection on the top of the cover into the matching indentation above the camera monitor (①), and press the bottom of the cover until it clicks into place (②).
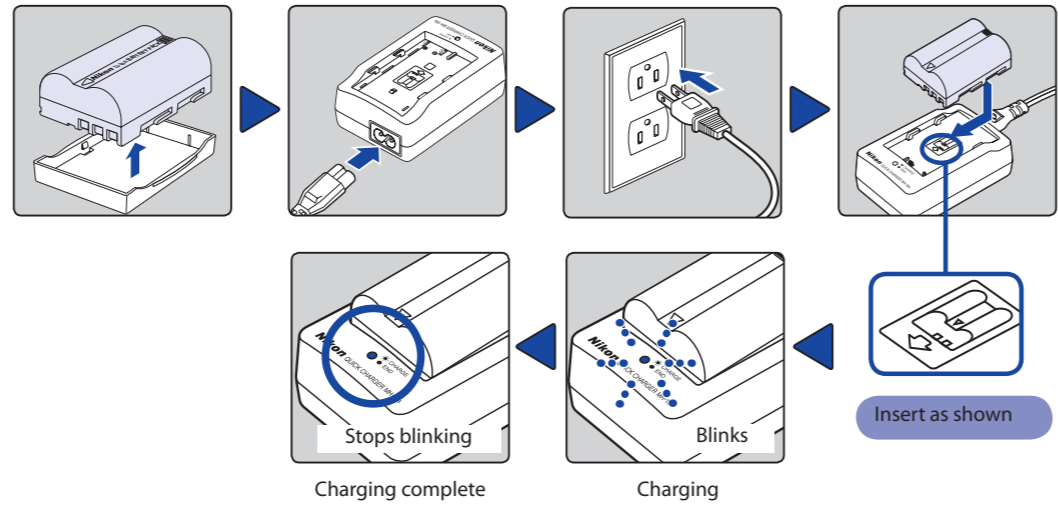
3 Attach a Lens

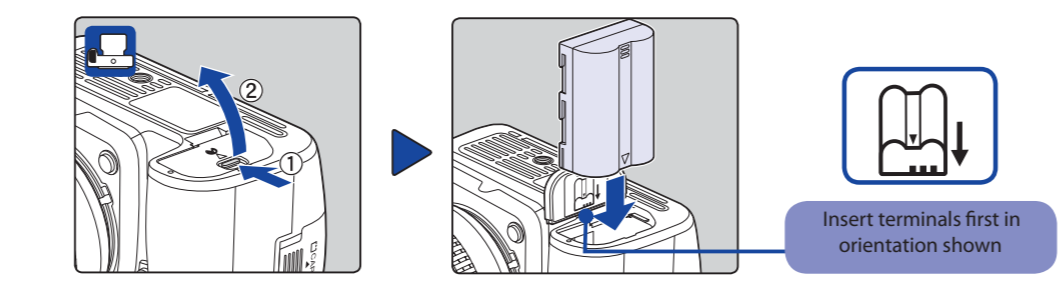Care should be taken to prevent dust from entering the camera when the lens or body cap is removed.

Lens mounting index

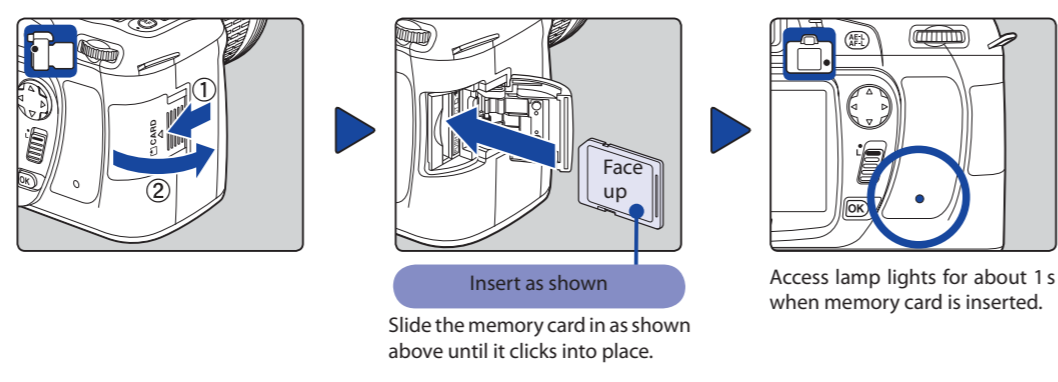A M   M/A M

Keeping the mounting index on the lens aligned with the mounting index on the camera body, position the lens in the camera's bayonet mount and rotate the lens in the direction shown until it clicks into place.

If the lens is equipped with an A-M or M/A-M switch, select A (autofocus) or M/A (autofocus with manual priority).

4 Charge the Battery

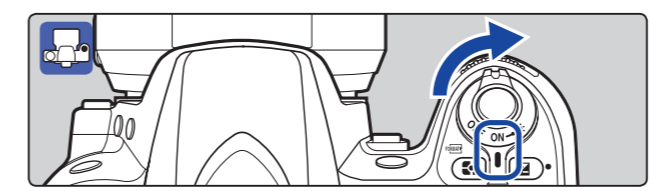About two and a quarter hours are required for an exhausted battery to fully charge.

Insert as shown

Stops blinking   Blinks
Charging complete   Charging

5 Insert the Battery

① ②

Insert terminals first in orientation shown

6 Insert a Memory Card (Available Separately)

① ②

Face up

Insert as shown

Slide the memory card in as shown above until it clicks into place.

Access lamp lights for about 1 s when memory card is inserted.
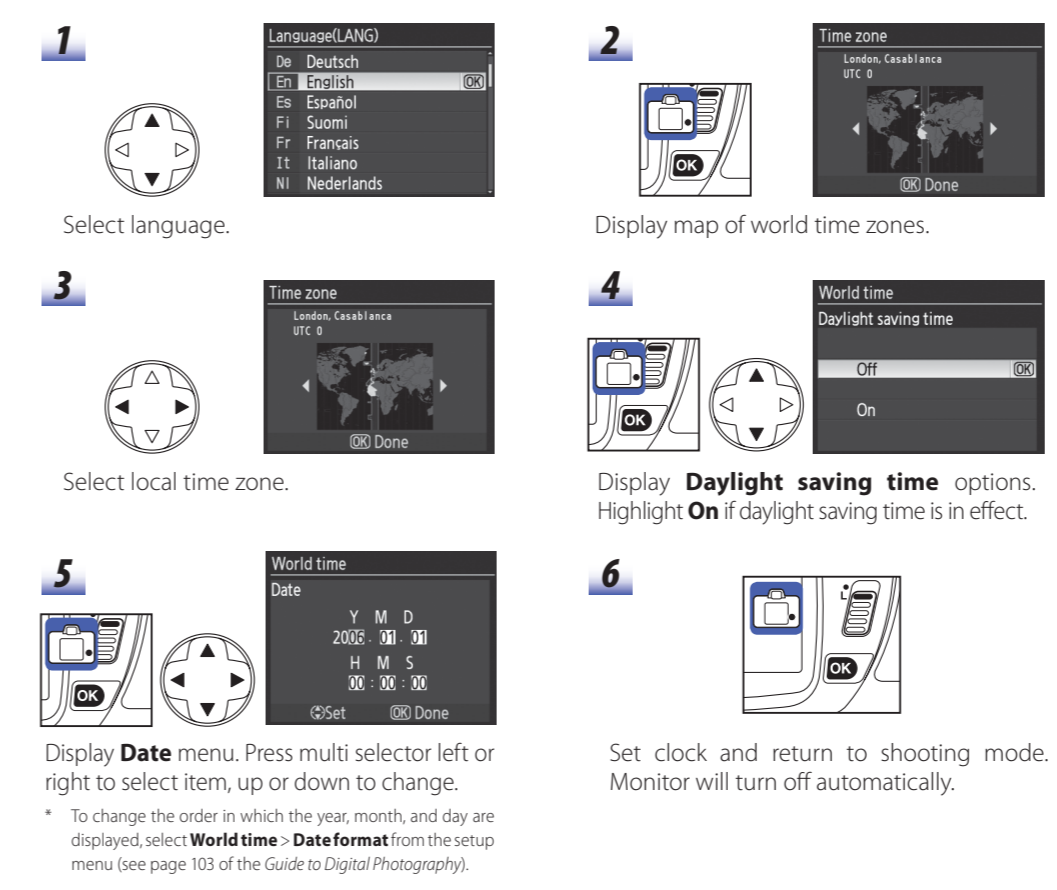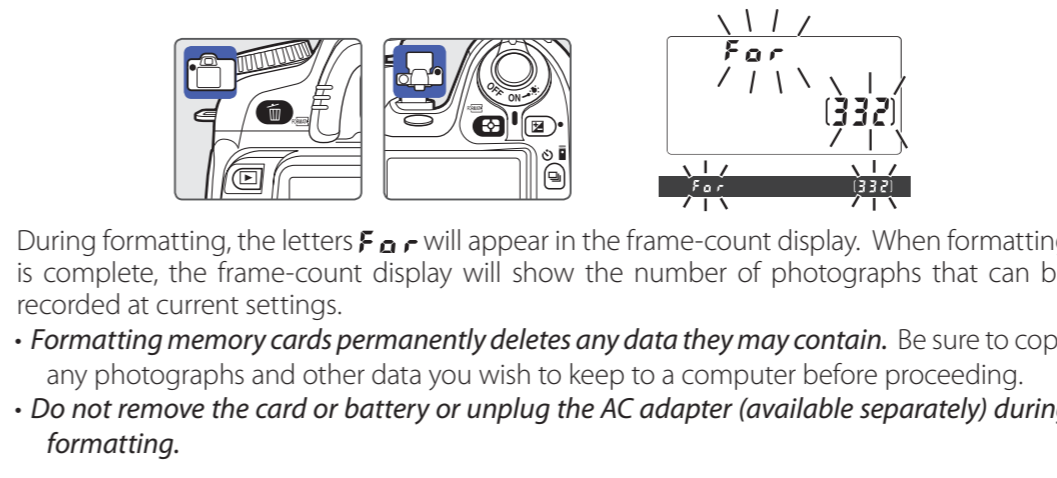
7 Turn the Camera On

8 Choose a Language and Set the Clock

A language-selection dialog will be displayed the first time the camera is turned on. Follow the steps below to choose a language and set the camera clock.
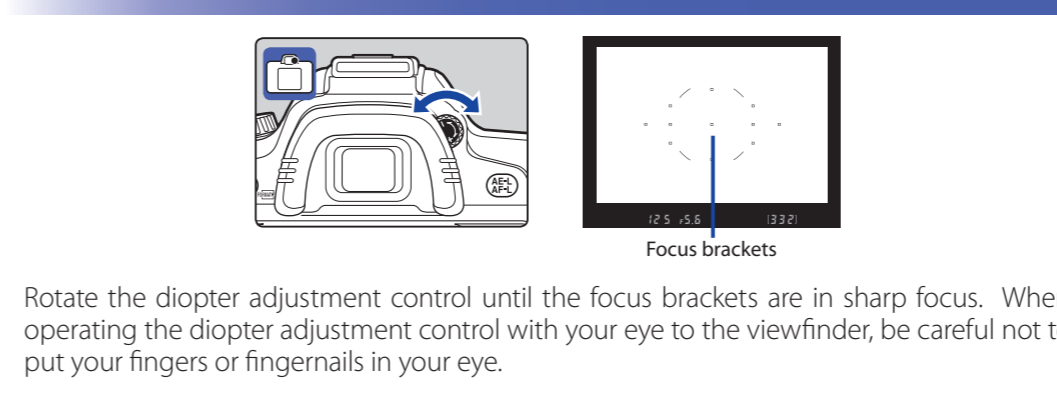
1

Language(LANG)
De Deutsch
En English
Es Español
Fi Suomi
Fr Français
It Italiano
Nl Nederlands

Select language.

2

Time zone
London, Casablanca
UTC 0

Display map of world time zones.

3

Time zone
London, Casablanca
UTC 0

Select local time zone.

4

World time
Daylight saving time
Off
On

Display **Daylight saving time** options. Highlight **On** if daylight saving time is in effect.

5

World time
Date
  Y M D
2006 XX XX
  H M S
XX XX XX

Display **Date** menu. Press multi selector left or right to select item, up or down to change.

*   To change the order in which the year, month, and day are displayed, select **World time** > **Date format** from the setup menu (see page 103 of the *Guide to Digital Photography*).

6

Set clock and return to shooting mode. Monitor will turn off automatically.

9 Format the Memory Card

To format the card, turn the camera on and hold the FORMAT (🗑 and ⚙) buttons down simultaneously for approximately two seconds. A blinking For will appear in the shutter-speed display and the frame count will blink. Pressing both buttons together a second time will format the memory card. Press any other button to exit without formatting.
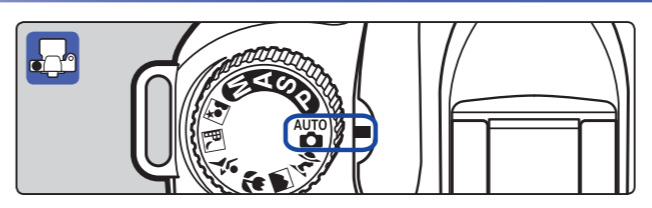
For
[332]

During formatting, the letters For will appear in the frame-count display. When formatting is complete, the frame-count display will show the number of photographs that can be recorded at current settings.

- *Formatting memory cards permanently deletes any data they may contain.* Be sure to copy any photographs and other data you wish to keep to a computer before proceeding.
- *Do not remove the card or battery or unplug the AC adapter (available separately) during formatting.*

10 Focus the Viewfinder

Focus brackets

Rotate the diopter adjustment control until the focus brackets are in sharp focus. When operating the diopter adjustment control with your eye to the viewfinder, be careful not to put your fingers or fingernails in your eye.
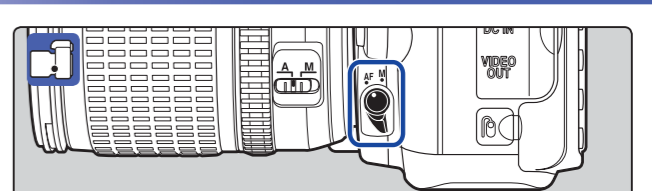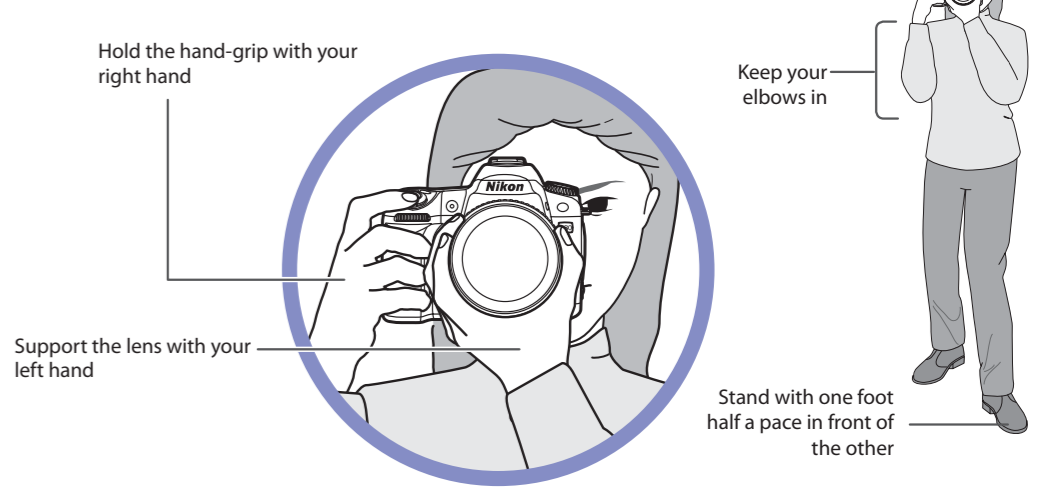
Taking Photographs

1 Rotate the Mode Dial to AUTO 📷

2 Set the Focus-Mode Selector to "AF"

3 Ready the Camera

Hold the hand-grip with your right hand

Keep your elbows in

Support the lens with your left hand

Stand with one foot half a pace in front of the other

4 Frame a Photograph

Frame a photo in the viewfinder with the main subject positioned in any of the eleven focus areas.

Zoom in

Zoom out

Use the zoom ring to zoom in on the subject so that it fills a larger area of the frame, or zoom out to increase the area visible in the photograph (select longer focal lengths on the lens focal length scale index to zoom in, shorter focal lengths to zoom out).

5 Focus and Shoot

1

Press the shutter-release button halfway to focus. The camera will select the focus area automatically. If the subject is dark, the flash may pop up and the AF-assist illuminator may light.

When the focus operation is complete, the selected focus areas will be briefly highlighted, a beep will sound, and the in-focus indicator (●) will appear in the viewfinder. Focus will lock while the shutter-release button is pressed halfway.

2

Smoothly press the shutter-release button the rest of the way down to release the shutter and record the photograph. The access lamp next to the memory card slot cover will light. *Do not eject the memory card or remove or disconnect the power source until the lamp has gone out and recording is complete.*

6 View the Results

Photographs are automatically displayed for about four seconds after shooting. If no photograph is displayed in the monitor, the most recent picture can be viewed by pressing the ▶ button. Additional pictures can be displayed by pressing the multi selector left or right or rotating the main command dial.

To end playback and return to shooting mode, press the shutter-release button halfway.

To delete the photograph currently displayed in the monitor, press the 🗑 button. A confirmation dialog will be displayed. Press the 🗑 button again to delete the image and return to playback. To exit without deleting the picture, press the ▶ button.

Delete?
Yes
Cancel

For more information on taking photographs and other camera operations, see the *Guide to Digital Photography*. See the other side of this guide for information on using the supplied PictureProject software to copy photographs to a computer, and printing photographs via direct USB connection.

Installing PictureProject

This section describes how to install PictureProject and copy photographs to a computer. PictureProject can also be used to view, edit, and organize photographs. See the *PictureProject Reference Manual* (on CD) for more information.

Viewing the PictureProject Reference Manual

1 Start the computer and insert the silver reference CD.

2 Double-click the CD icon.
- **Windows**: Double-click the CD (**Nikon**) icon in My Computer.
- **Macintosh**: Double-click the CD (**Nikon**) icon on the desktop.

3 Double-click the **INDEX** or **INDEX.pdf** icon to display a language selection screen. Click a language to display an index of the documentation available for PictureProject and click a title to view.

PictureProject

Organize
View and organize photographs.

Edit
Retouch photos using a variety of tools, including cropping and brightness and hue adjustment.
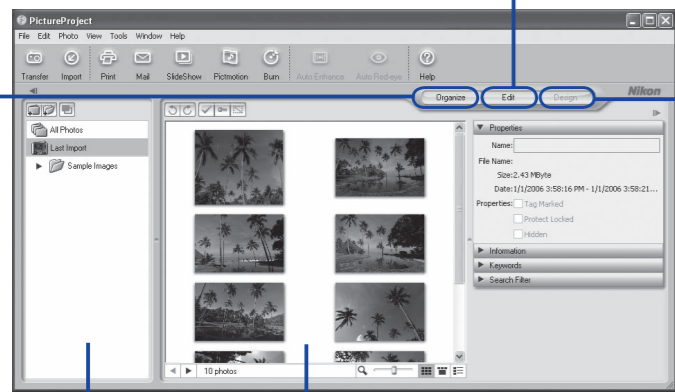
Design
Arrange photos in a variety of layouts.

Collection list
Group photos into collections and collections into folders.

Picture list
View the photos in the current collection or folder.

Other tasks that can be performed with PictureProject include printing photographs, sending photos by e-mail, viewing slide shows, and copying photographs to CD or DVD.

Before Installing PictureProject

PictureProject requires Mac OS X (version 10.3.9 or later, PowerPC G4/G5) or a pre-installed version of Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional.	**Important** Turn off any virus-protection software and exit all other applications before beginning installation.
	Log on to an account with administrator privileges when installing, using, or uninstalling PictureProject.
	Before connecting the camera, be sure that PictureProject is installed. If the Windows hardware wizard is displayed when the camera is connected, click **Cancel** to exit the wizard.

Installing PictureProject (Windows)

The illustrations in this section are intended as a guide only. The dialogs and messages displayed during installation may differ in some respects from those shown here.

1 Turn the computer on and insert the PictureProject installer CD into the CD-ROM drive. The Install Center program will launch automatically. A language-selection dialog will be displayed. Select a language and click **Next**.

If the "Select Language" Dialog Is Not Displayed
Open "My Computer" by selecting **My Computer** from the **Start** menu (Windows XP) or by double-clicking the **My Computer** icon on the desktop (Windows 2000) and then double-click the CD (PictureProject) icon.

2 Click **Easy Install** to begin installation of:
- Drivers for D1-series cameras
- Apple QuickTime 7
- Nikon FotoShare (Europe only)
- PictureProject
- Camera Control Pro Updater
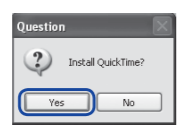- Microsoft DirectX 9
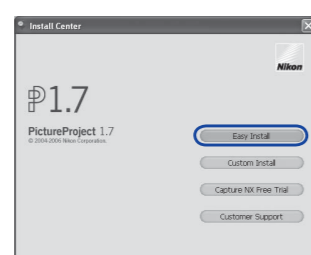
Capture NX Free Trial
Click **Capture NX Free Trial** in the Install Center window to open your web browser to a site where you can download a trial version of Capture NX (Internet connection required).
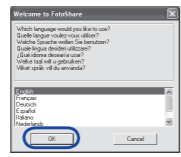
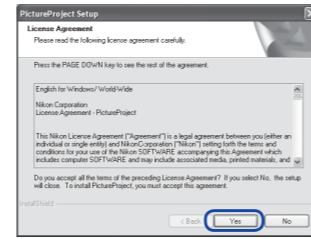**3** Follow the on-screen instructions to install the drivers for D1-series cameras.
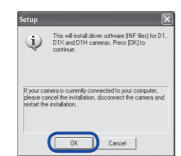
4 Click **Yes**.

5 The Nikon FotoShare setup program will start (Europe only). Follow the on-screen instructions to install Nikon FotoShare.
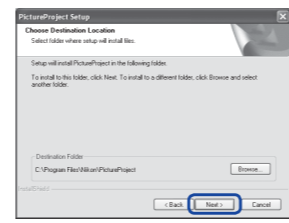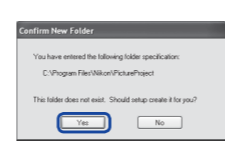
6 Read the license agreement…

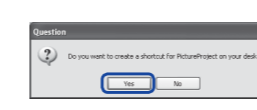…and click **Yes** to accept and proceed with installation.

7 Click **Next** to install PictureProject to the location shown, or click **Browse…** to choose a different folder.
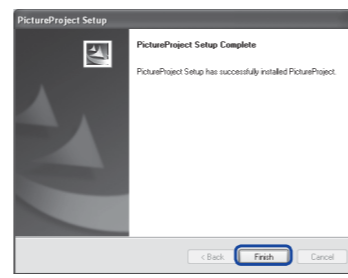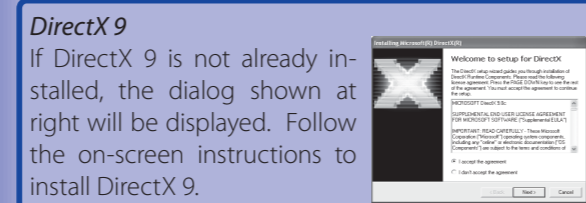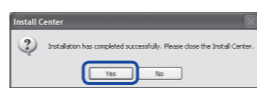
8 Click **Yes**.

9 Click **Yes**.

10 Click **Finish**.

DirectX 9
If DirectX 9 is not already installed, the dialog shown at right will be displayed. Follow the on-screen instructions to install DirectX 9.

11 Click **Yes**. If a dialog is displayed directing you to restart the computer, follow the on-screen instructions.

12 The PictureProject Import Assistant will be displayed. The Import Assistant is used to catalog existing images for display in PictureProject.
1 Click **Import** to catalog the images in the "Import from" folder in PictureProject. The time needed to catalog the images is proportional to the number of images in the folder.
2 Click **OK** to close the Import Assistant when import is complete.

To proceed without cataloging existing images, click **Close**. Existing images can be cataloged manually at any time; see the *PictureProject Reference Manual* (on CD) for details.

"Import from" folder

Import button   **Close** button
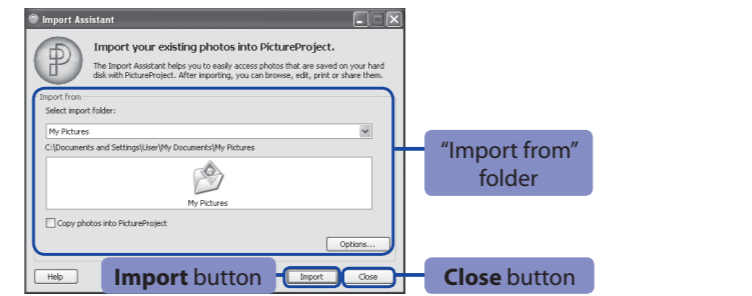
13 Remove the PictureProject installer CD from the CD-ROM drive.

This completes installation of PictureProject. Proceed to "Viewing Photographs on a Computer."

Installing PictureProject (Macintosh)

The illustrations in this section are intended as a guide only. The dialogs and messages displayed during installation may differ in some respects from those shown here.

1 Turn the computer on and insert the PictureProject installer CD into the CD-ROM drive. Double-click the PictureProject installer CD icon on the desktop, then double-click the **Welcome** icon. A language-selection dialog will be displayed. Select a language and click **Next**.

2 Click **Easy Install** to begin installation of:
- Nikon Fotoshare (Europe only)
- PictureProject
- Camera Control Pro Updater
- Apple QuickTime
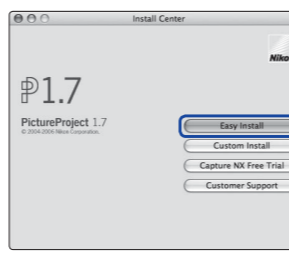
The CD for use in Europe includes Nikon FotoShare. Selecting **Easy Install** displays the dialog shown at right; click **OK**.
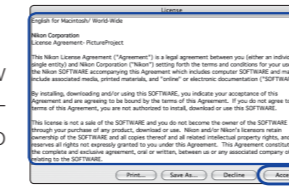
Capture NX Free Trial
Click **Capture NX Free Trial** in the Install Center window to open your web browser to a site where you can download a trial version of Capture NX (Internet connection required).
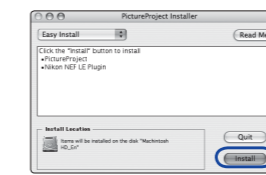
3 Enter the administrator name and password…
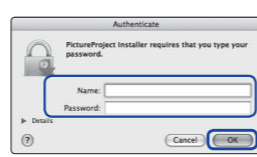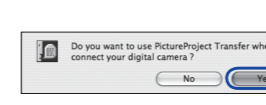
…and click **OK**.

4 Read the license agreement…

…and click **Accept** to accept and view the ReadMe file. Take a few moments to read this file, which may contain important information that could not be included in this guide. Click **Continue…** to proceed with installation.
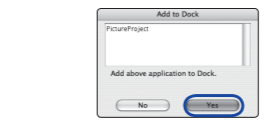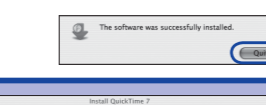
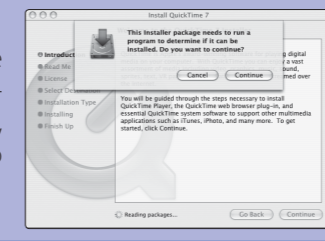**5** Click **Install**.

**6** Click **Yes**.

7 Click **Yes**.

8 Click **Quit**.

Apple QuickTime
If an earlier version of QuickTime is installed, the QuickTime installer will start. Follow the on-screen instructions to complete installation. On some systems, the QuickTime installer may require considerable time to complete installation.

9 Click **OK**. If a dialog is displayed directing you to restart the computer, follow the on-screen instructions.
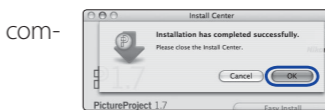
10 The PictureProject Import Assistant will be displayed (see step 12 of Installing PictureProject (Windows) for details).

11 If the computer restarts, log in to the account used to install PictureProject. To install Nikon FotoShare (Europe only), open the "FotoShare" folder on the PictureProject installer CD and drag the **Nikon FotoShare** icon to the "Applications" folder on the hard disk.

12 Remove the PictureProject installer CD from the CD-ROM drive.

This completes installation of PictureProject. Proceed to "Viewing Photographs on a Computer."

Viewing Photographs on a Computer

The illustrations in this section are from Windows XP.

Use a Reliable Power Source
Nikon recommends using the optional EH-5 AC adapter to power the camera for extended periods. Do not use another make or model of AC adapter.

1 Turn the camera off and connect the supplied UC-E4 USB cable as shown below. Do not use force or attempt to insert the connectors at an angle. Connect the camera directly to the computer; do not connect the cable via a USB hub or keyboard.
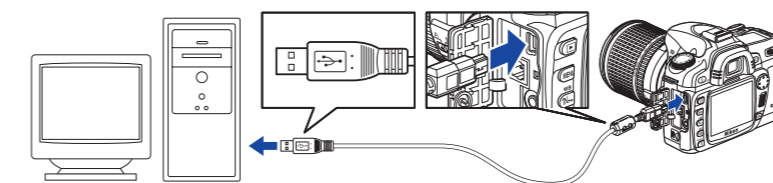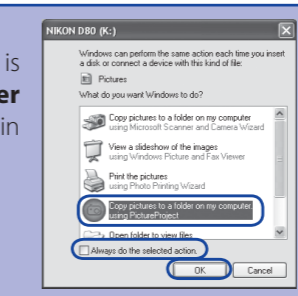
2 Turn the camera on. PictureProject will automatically detect the camera and the PictureProject Transfer window will be displayed in the computer monitor. Click **Transfer** to copy all photographs from the camera memory card to the computer.
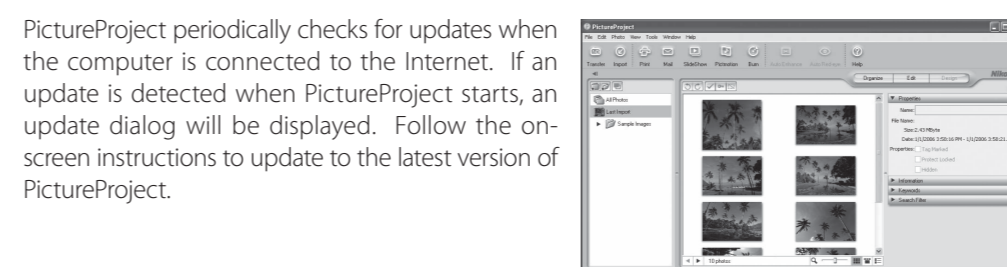
Transfer button
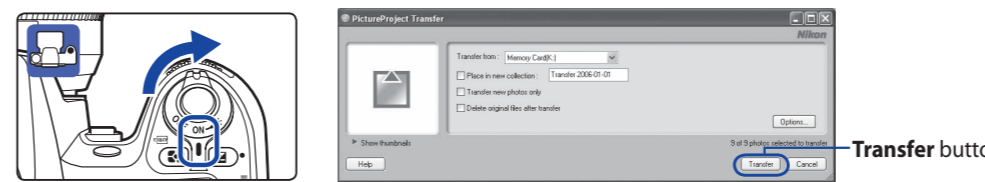
Windows XP
The dialog shown at right will be displayed when the camera is turned on. Select **Copy pictures to a folder on my computer using PictureProject** and click **OK**. To bypass this dialog in future, check **Always do the selected action**.

3 The photographs will be displayed in PictureProject when transfer is complete.

PictureProject periodically checks for updates when the computer is connected to the Internet. If an update is detected when PictureProject starts, an update dialog will be displayed. Follow the on-screen instructions to update to the latest version of PictureProject.

Disconnecting the Camera
Before turning the camera off and disconnecting the USB cable, remove the camera from the system as described below.
- **Windows XP Home Edition/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.
- **Macintosh**: Drag the camera volume ("NIKON D80") into the Trash.

See page 67 of *Guide to Digital Photography* for details.

Printing Via Direct USB Connection

JPEG photographs can be printed directly from a camera connected to a PictBridge printer (RAW /NEF photographs can not be printed by direct USB connection). See page 69 of *Guide to Digital Photography* for details.
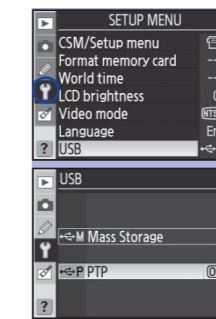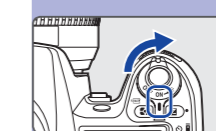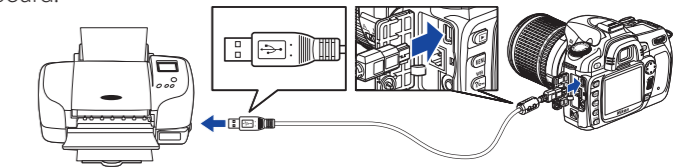
**1** Press button to set USB in the SETUP MENU. Set the **USB** option to **PTP**.

2 Turn the camera off.

3 Turn the printer on.

4 Connect the UC-E4 USB supplied cable as shown. Do not use force or attempt to insert the connectors at an angle. Connect the camera directly to the printer; do not connect the cable via a USB hub or keyboard.

5 Turn the camera on. A welcome screen will be displayed, followed by the PictBridge playback display.
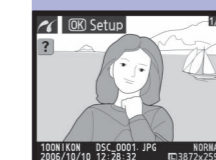
6 Press the multi selector left or right to view additional photographs, or press the button to zoom in on the current photo. To view six photographs at a time, press the button. Use the multi selector to highlight photographs, or press to display the highlighted photograph full frame.
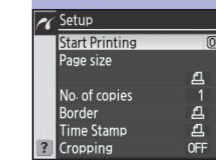
7 To print the picture currently selected in the PictBridge playback display, press button. The menu shown at left will be displayed. Press the multi selector up or down to highlight an option and press to the right to select.

Page Size   No. of copies   Border
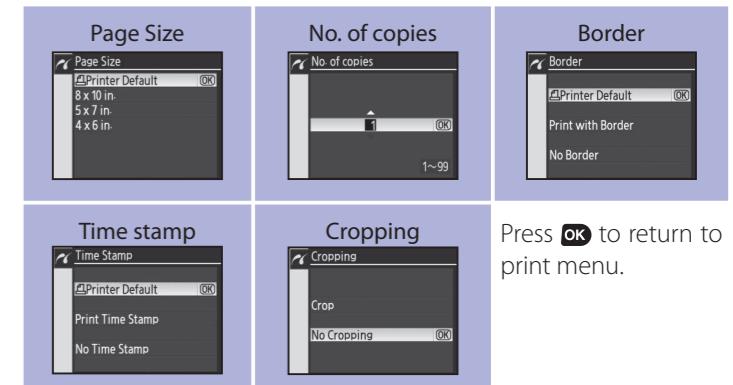
Time stamp   Cropping   Press to return to print menu.
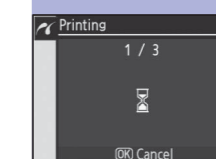
8 To start printing, highlight **Start Printing** and press button. The PictBridge playback display will be displayed when printing is complete.

To cancel and return to the PictBridge playback display before all images have been printed, press button again.