

Nikon

En

The ***Nikon*** Guide to Digital Photography

with the

COOLPIX **SQ**

DIGITAL CAMERA



COOLPIX
SQ
(En)

CE

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For Your Safety

To prevent damage to your Nikon product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment. Keep these safety instructions available for reference.

The consequences that could result from failure to observe the precautions listed in this section are indicated by the following symbol:



This icon marks warnings, information that should be read before using your Nikon product to prevent possible injury.

WARNINGS



Turn off immediately in the event of malfunction

Should you notice smoke or an unusual smell coming from the equipment or from the AC adapter (supplied), unplug the AC adapter or remove the battery immediately, taking care to avoid burns. Continued operation could result in injury. After removing the battery, take the equipment to a Nikon-authorized service center for inspection.



Do not use in the presence of flammable gas

Do not use electronic equipment in the presence of flammable gas, as this could result in explosion or fire.



Observe caution when using the camera strap

Never place the strap around the neck of an infant or child.



Do not disassemble

Touching the product's internal parts could result in injury. In the event of a malfunction, the product should be repaired only by a qualified technician. Should the product break open as the result of a fall or other accident, remove the battery or AC adapter and then take the product to a Nikon-authorized service center for inspection.



Observe proper precautions when handling batteries

Batteries may leak or explode if improperly handled. Observe the following precautions when handling batteries for use in this product:

- Be sure the product is off before replacing the battery. If you are using an AC adapter, be sure it is unplugged.
- Use only a rechargeable Nikon EN-EL2 lithium-ion battery (supplied).
- When inserting the battery, do not attempt to insert it upside down or backwards.

- Do not short or disassemble the battery.
- Do not expose the battery to flame or to excessive heat.
- Do not immerse in or expose to water.
- Do not transport or store with metal objects such as necklaces or hairpins.
- Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove the battery when no charge remains.
- When the battery is not in use, attach the terminal cover and store in a cool place.
- Immediately after use, or when the product is used on battery power for an extended period, the battery may become hot. Before removing the battery, turn the camera off and allow the battery to cool.
- Discontinue use immediately should you notice any changes in the battery, such as discoloration or deformation.



Use appropriate cables

When connecting cables to the input and output jacks, use only the cables provided or sold by Nikon for the purpose, to maintain compliance with product regulations.



Keep out of reach of children

Particular care should be taken to prevent infants from putting the battery or other small parts into their mouths.



Removing memory cards

Memory cards may become hot during use. Observe due caution when removing memory cards from the camera.



CD-ROMs

The CD-ROMs on which the software and manuals are distributed should not be played back on audio CD equipment. Playing CD-ROMs on an audio CD player could cause hearing loss or damage the equipment.



Observe caution when operating the flash

Using the flash close to your subject's eyes could cause temporary visual impairment. Particular care should be observed if photographing infants, when the flash should be no less than one meter (39") from the subject.



Avoid contact with liquid crystal

Should the monitor break, care should be taken to avoid injury due to broken glass and to prevent liquid crystal from the monitor touching the skin or entering the eyes or mouth.

Notices

- No part of the manuals included with this product may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without Nikon's prior written permission.
- Nikon reserves the right to change the specifications of the hardware and software described in these manuals at any time and without prior notice.
- Nikon will not be held liable for any damages resulting from the use of this product.
- While every effort has been made to ensure that the information in these manuals is accurate and complete, we would appreciate it were you to bring any errors or omissions to the attention of the Nikon representative in your area (address provided separately).

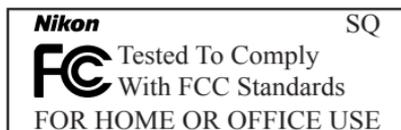
Notice for customers in the U.S.A.

Federal Communications Commission (FCC) Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/television technician for help.



CAUTIONS

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Nikon Corporation may void the user's authority to operate the equipment.

Interface Cables

Use the interface cables sold or provided by Nikon for your equipment. Using other interface cables may exceed the limits of Class B Part 15 of the FCC rules. Nikon Inc.,
1300 Walt Whitman Road, Melville,
New York
11747-3064, U.S.A.
Tel.: 631-547-4200

Notice for customers in Canada

CAUTION

This class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

ATTENTION

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

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Before Taking Important Pictures

Before taking pictures on important occasions (such as at weddings or before taking the camera with you on a trip), take a test shot to ensure that the camera is functioning normally. Nikon will not be held liable for damages or lost profits that may result from product malfunction.

Use Only Nikon Brand Electronic Accessories

Your Nikon COOLPIX camera is designed to the highest standards and includes complex electronic circuitry. Only Nikon brand electronic accessories (including battery chargers, batteries, and AC adapters) certified by Nikon specifically for use with your Nikon digital camera are engineered and proven to operate within the operational and safety requirements of this electronic circuitry.

THE USE OF NON-NIKON ELECTRONIC ACCESSORIES COULD DAMAGE YOUR CAMERA AND MAY VOID YOUR NIKON WARRANTY.

For more information about Nikon brand accessories, contact your local authorized Nikon dealer.



Life-Long Learning

As part of Nikon's "Life-Long Learning" commitment to ongoing product support and education, continually-updated information is available on-line at the following sites:

- For users in the U.S.A.: <http://www.nikonusa.com/>
- For users in Europe: <http://www.nikon-euro.com/>
- For users in Asia, Oceania, the Middle East, and Africa: <http://www.nikon-asia.com/>

Visit these sites to keep up-to-date with the latest product information, tips, answers to frequently-asked questions (FAQs), and general advice on digital imaging and photography. Additional information may be available from the Nikon representative in your area. See the URL below for contact information:

<http://www.nikon-image.com/eng/>

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Introduction

Thank you for your purchase of a Nikon COOLPIX SQ digital camera. This manual has been written to help you enjoy taking digital pictures with your COOLPIX SQ. Read this manual thoroughly before use, and keep it handy when using the product.

Symbols and conventions are used in this manual:

| | |
|---|---|
|  | Cautions: information that you should read before use to prevent damage to your camera. |
|  | Tips: additional information you may find helpful when using your camera. |
|  | Notes: information that you should read before using your camera. |
|  | Indication that more information is available elsewhere in this manual. |

Before You Begin

1

First Steps

2

Basic Photography

3

More on Photography

4

More on Playback

5

Movies

6

The Shooting Menu

7

The Playback Menu

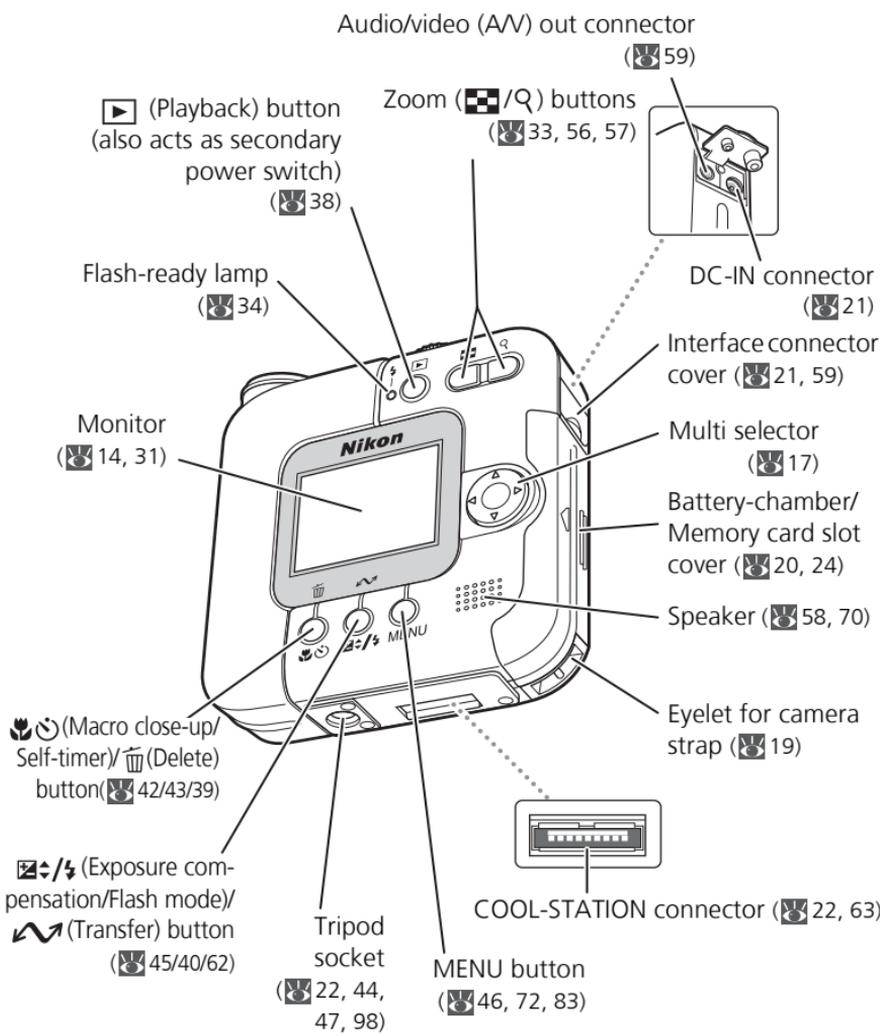
8

The Setup Menu

9

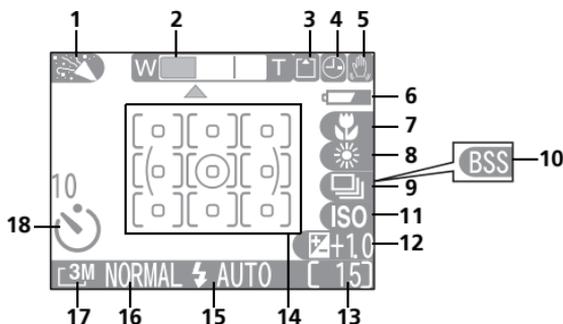
Technical Notes

10



Shooting

Indications and icons displayed when taking pictures:

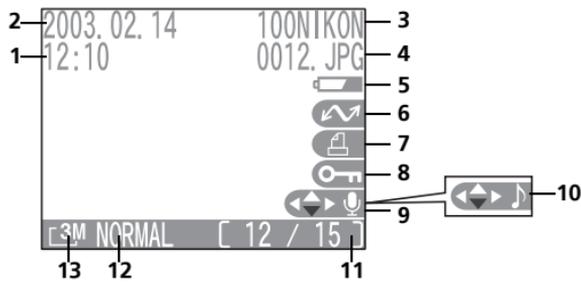


- | | | | |
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| 1 | Shooting mode | 31, 46, 69 | |
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| 4 | "Date not set" icon ²⁾ | 28 | |
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| 11 | Sensitivity gain indicator ⁵⁾ | 41 | |
| 12 | Exposure compensation..... | 45 | |
| 13 | Number of exposures remaining/ length of movie..... | 31, 75/69 | 1) Displayed when zoom buttons are pressed. |
| 14 | Metering areas/Focus areas | 34, 78, 81 | 2) Appears when camera clock has not been set. |
| 15 | Flash mode..... | 40 | 3) Appears at slow shutter speeds to warn that pictures may be blurred. |
| 16 | Image quality | 74 | 4) Appears when battery is running low. |
| 17 | Image size | 74 | 5) Indicates that camera has raised sen- sitivity automatically. |
| 18 | Self-timer indicator | 43 | |

* The diagram shows all indicators and icons for the purpose of explanation.

■ Playback

Indicators and icons when reviewing pictures:



| | |
|--|---|
| 1 Time of recording..... 28 | 8 Protect icon..... 87 |
| 2 Date of recording 28 | 9 Voice memo recording guide .. 58 |
| 3 Current folder 39 | 10 Voice memo playback guide ... 58 |
| 4 File number and type 39 | 11 Current frame number/ total number of frames .. 38, 70 |
| 5 Battery level indicator* 26 | 12 Image quality 74 |
| 6 Transfer icon 62 | 13 Image size 74 |
| 7 Print-order icon 66 | |

* Appears when battery is running low.



Displaying indicators and icons in Playback Mode

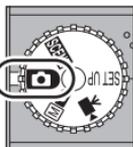
Indicators and icons are displayed for about five seconds in playback mode, after which only the voice memo recording or playback guide is visible. Press the multi selector ▲ to display indicators and icons for another five seconds.



Mode Dial

Using the mode dial, you can set the camera to suit your level and style of photography. To select a mode, align the mode icon with the power-on lamp next to the mode dial.

1
Before You Begin



Auto Mode

A simple “point-and-shoot” mode in which the majority of camera settings are controlled by the camera. Recommended for first-time users of digital cameras.

Easy

 30

Scene Mode

Choose from fifteen “scenes” suited to different subjects or shooting conditions and let the camera do the rest.

 46

Manual Mode

In addition to the shooting menu options available in auto mode, you have access to such six menu items as white balance and continuous.

Advanced

 71

Movie Mode

Make movies up to 40s in length, with sound recorded via the camera’s built-in microphone.

 69

Setup Mode

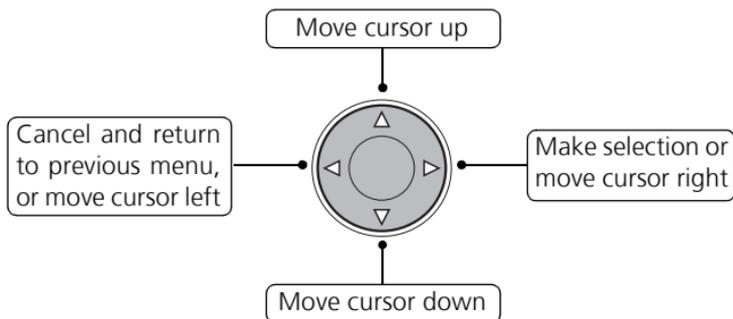
Choose this mode to display the setup menu, where you can perform such tasks as setting the camera clock and adjusting monitor brightness.

 92



Multi Selector

The multi selector is used to make selections in the menu (👁️ 28, 72).

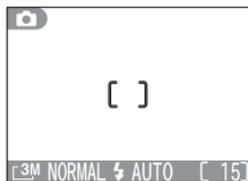


Shutter-release Button

Your camera has a two-stage shutter-release button.



Focus



Shoot

1 Press the shutter-release button halfway.

- The camera sets focus and exposure.
- The green focus area indicator in the monitor will light when the focus operation is complete.
- Focus and exposure will remain locked while the shutter-release button is pressed halfway.

2 Press the shutter-release button the rest of the way down to take the picture.

COOL-STATION MV-10

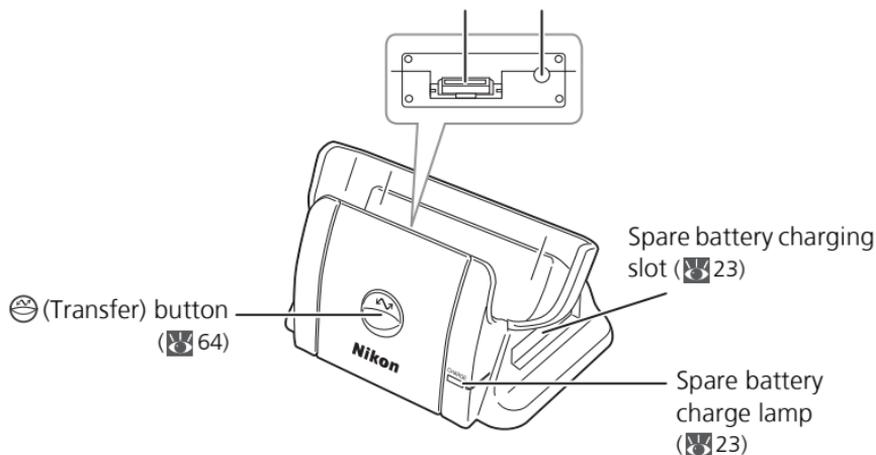
By placing the camera on the COOL-STATION, you can:

- Charge the battery inside the camera (📖 22).
- Charge a spare battery (📖 23).
- Transfer pictures to a computer (📖 60).

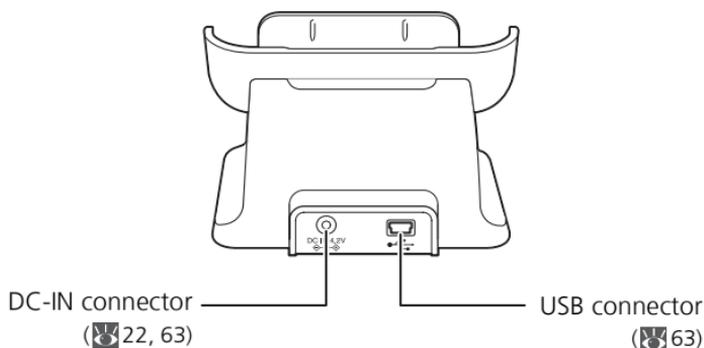
1 Front

Before You Begin

Camera connector (📖 22, 63) Camera catch (📖 22, 63)



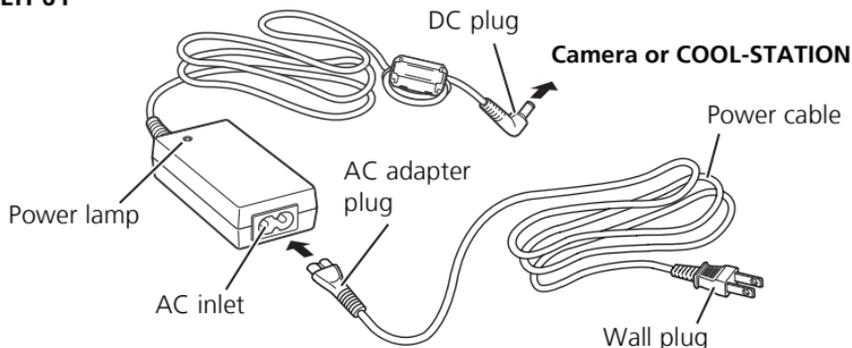
Rear



EH-61 AC Adapter

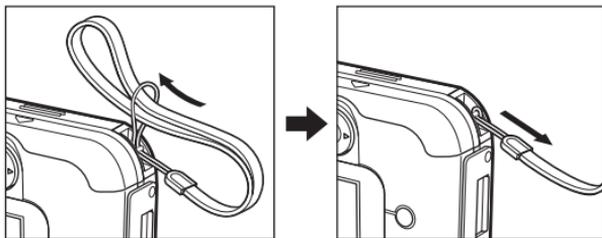
By connecting the EH-61 AC adapter directly to the camera (📷 21) or to the COOL-STATION (📷 22, 63), the camera can be powered from a household electrical outlet.

• EH-61

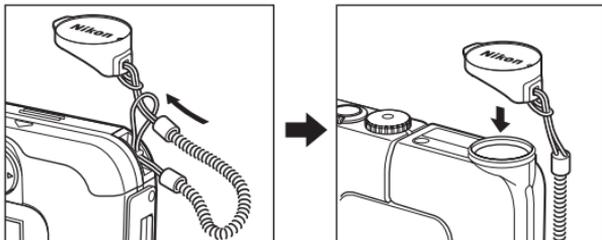


* Shape of cable depends on country of use.

● Attaching the Camera Strap



● Attaching the Lens Cap

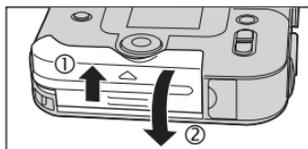


Inserting the Battery

Your camera uses a rechargeable Nikon EN-EL2 lithium-ion battery (included).

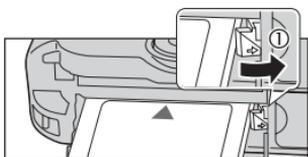
2

First Steps



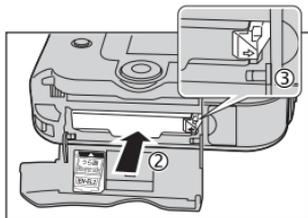
1 Open the battery-chamber/memory card slot cover.

- Slide the battery-chamber/memory card slot cover (①) and open it (②).



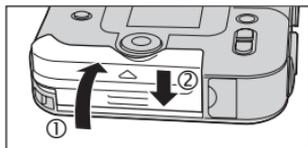
2 Insert the battery.

- Press the orange battery latch to side (①) and insert the battery as shown on the label on the inside of the cover (②).
- The battery latch locks battery in place (③).



3 Close the battery-chamber/memory card slot cover.

- Close the battery-chamber/memory card slot cover (①) and slide back into place (②).
- Make sure that the battery-chamber cover is properly latched.

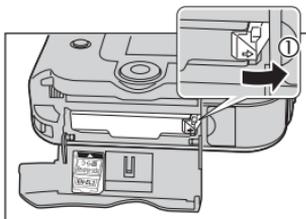


Read Battery Warnings

Read and follow all warnings and instructions supplied by the battery manufacturer.

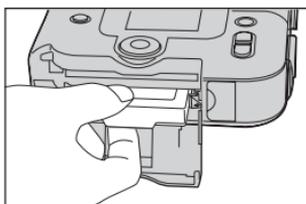
Removing the Battery

Before removing the battery, turn the camera off.



1 Press sideways (①).

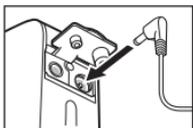
- The battery is partially ejected.



2 Remove the battery.

Alternative Power Sources

To power your camera continuously for extended playback, use the EH-61 AC adapter supplied with your camera.



- To use the adapter, open the interface connector cover and insert the DC plug of the adapter into the DC-IN connector of the camera.
- When the AC adapter is connected to the camera for a long period, the camera and the AC adapter may become hot, but this is not a malfunction.
- Read and follow all warnings and instructions supplied by the AC adapter manufacturer.

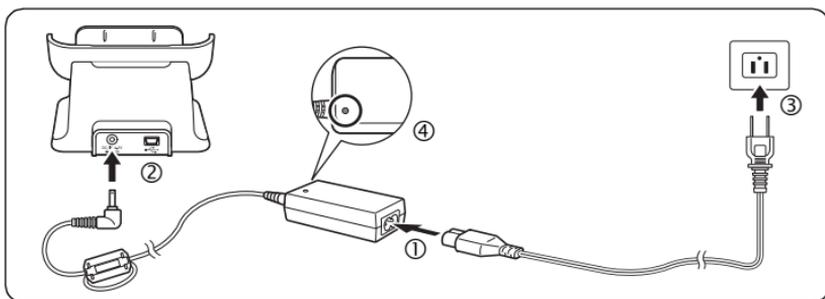
Only a Nikon-brand EH-61 AC adapter should be used to connect the camera to an AC power source. Do not, under any circumstances, use other makes of AC adapter. Failure to observe this precaution could result in overheating or in damage to the camera.

Charging the Battery

The EN-EL2 lithium-ion battery supplied with your camera is not fully charged at shipment.

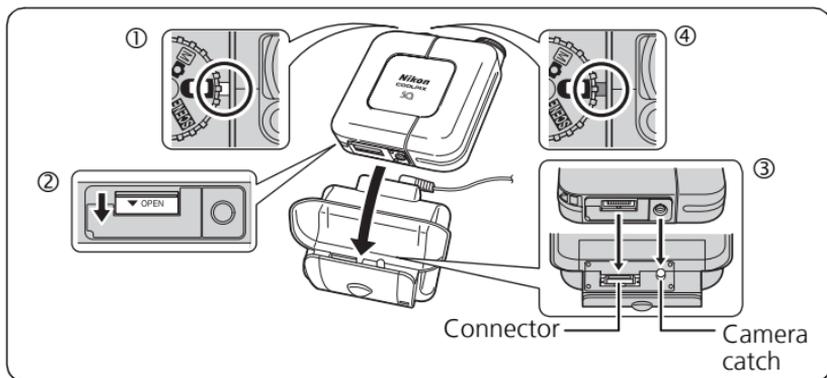
You can charge the battery while it is in the camera by placing it on the COOL-STATION MV-10 (**Charging time: about 2 hours for full charge**).

1 Connect the EH-61 AC adapter to the COOL-STATION.



- The power lamp will glow showing the EH-61 is plugged in (④).

2 Place the camera on the COOL-STATION.



- ① Check that the battery is inside the camera and the camera is turned off.

- ✓ If the camera is on (the power-on lamp is green), the battery will not be charged.

- ② Open the COOL-STATION connector cover on the camera.

- ③ Place the camera on the COOL-STATION.
- Insert the camera into the COOL-STATION as far as it will go, matching the position of the connector and tripod socket on the camera with the connector and camera catch on the COOL-STATION.
- ④ The power-on lamp on the camera blinks and charging starts.

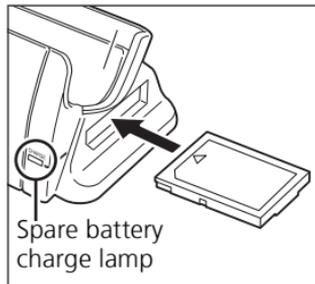
| Power-on lamp | Meaning |
|----------------------|---|
| Blinks (red) | The battery is charging. |
| Lights (red) | Charging is complete. |
| Blinks rapidly (red) | <ul style="list-style-type: none"> • Camera is not positioned correctly. Remove and insert again. • The battery has malfunctioned and cannot be charged. Replace it with a new battery. |
| Lights (green) | The camera is on. Turn the camera off. |
| off | <ul style="list-style-type: none"> • Camera is not positioned correctly. Remove and insert again. • The battery is not inserted. Insert the battery. |



To Charge the Battery Directly

The battery can also be charged by inserting it directly into the COOL-STATION.

- Make sure that the battery is positioned correctly and insert it into the COOL-STATION's spare battery charging slot all the way in.
- When the battery inside the camera is being charged or the camera is on, the spare battery charge lamp does not blink or light, and the spare battery is not charged.



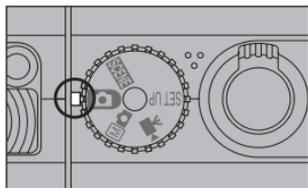
| Spare battery charge lamp | Meaning |
|---------------------------|---|
| Blinks (red) | The battery is charging. |
| Lights (red) | Charging is complete. |
| Blinks rapidly (red) | The battery has malfunctioned and cannot be charged. Replace it with a new battery. |

If both the camera (with the battery inside) and a spare battery are placed on the COOL-STATION, the battery inside the camera will be charged first. When the battery inside the camera is fully charged, charging of the spare battery will start.

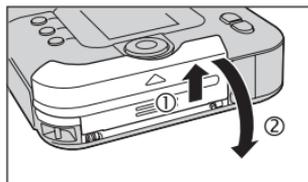
Inserting the Memory Card

Your Nikon digital camera stores pictures on CompactFlash™ memory cards.

2
First Steps

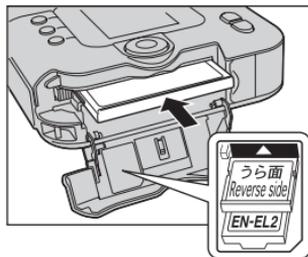


1 Confirm that the camera is off.



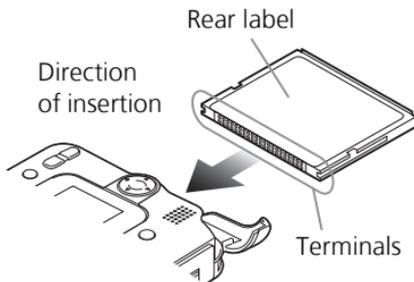
2 Open the battery-chamber/memory card slot cover.

- Slide the battery-chamber/memory card slot cover (①) and open it (②).

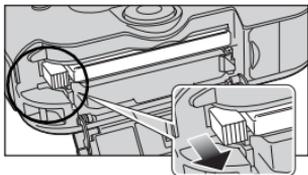


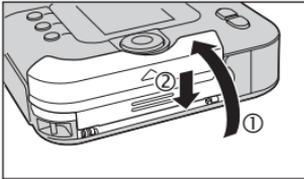
3 Insert the memory card.

- Check label for correct orientation.



- The memory card is fully inserted when the eject button protrudes slightly.



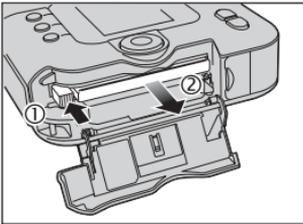


4 Close the battery-chamber/memory card slot cover.

- Close the battery-chamber/memory card slot cover (①) and slide back into place (②).
- Make sure that the battery-chamber cover is properly latched.



Removing Memory Cards



To remove memory cards, turn the camera off and open the battery-chamber/memory card slot cover. Press the eject button (①) and remove the card (②).

- Note that memory cards may become hot during use; observe due caution when removing memory cards.



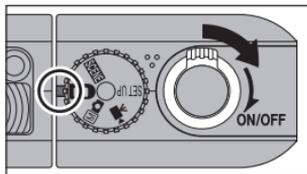
Formatting Memory Cards

The supplied memory card is ready for use. Other memory cards should be formatted first. See “CF Card Format” (📖 91).



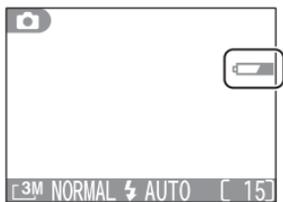
Approved Memory Cards: 97

Checking the Battery Level



1 Turn the camera on.

- Rotate the power switch until it stops, then gently release the switch. The power-on lamp will light.



2 Check the battery level in the monitor.

2
First Steps

| Display | Meaning | Camera Status |
|--|---|--|
| NO ICON | Battery fully charged. | Camera functions normally. |
|  (Lights) | Low battery. Ready spare batteries. | Fewer shots can be taken consecutively in "continuous" mode. |
| Warning! Battery exhausted  | Battery exhausted. Charge or replace with a fully charged battery. | No pictures can be taken. |

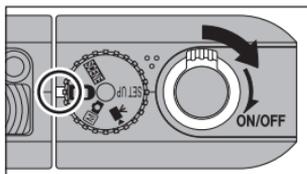


Auto Power Off (🔌 95)

The camera turns off automatically if no operations are performed for one minute (default setting). When the camera is powered by an AC adapter, the camera will turn off after thirty minutes if no operations are performed.



Turning the Camera off



To turn the camera off when the power-on lamp is lit, rotate the power switch.

- Do not remove the battery, disconnect the AC adapter or eject the memory card until the power-on lamp has gone out.



The button

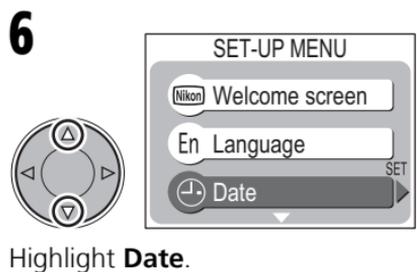
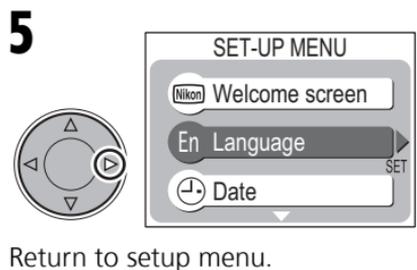
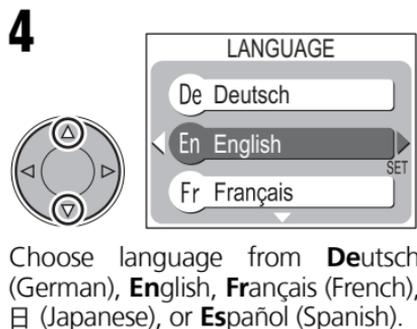
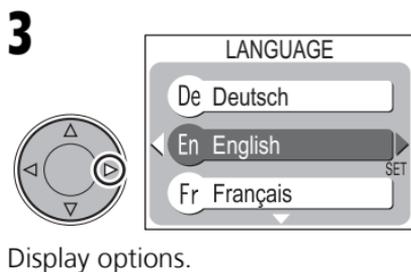
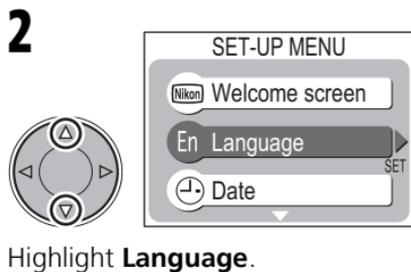
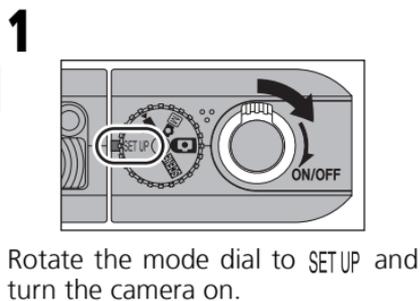
The camera can also be turned on by pressing the  button for about two seconds. Your most recent picture will be displayed in the monitor ( 38).

Basic Setup

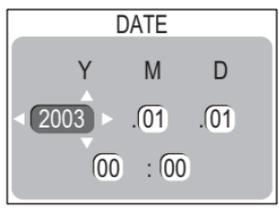
Before using your camera for the first time, choose a language for camera menus and messages and set the camera clock to the correct time and date.

- If the time and date have not been set or clock battery is exhausted, a flashing ⌚ (“Date not set”) icon (🔋 14) will be displayed in the top right corner of the monitor when the camera is in shooting mode. Any pictures taken before the time and date have been set will have a time stamp of “0000.00.00 00:00.”

2 First Steps

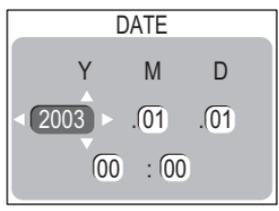


7



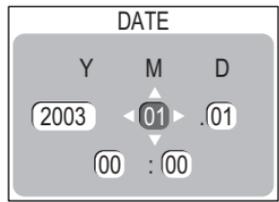
Display DATE menu.

8



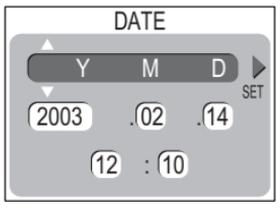
Edit Year.

9



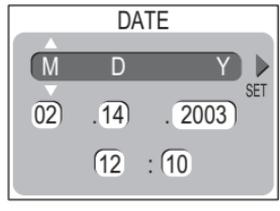
Select **M**onth. Repeat steps 8-9 to edit remaining items.

10



Highlight **Y M D**.

11



Choose order in which **Y**ear, **M**onth, and **D**ay will be displayed.

12



Return to setup menu.

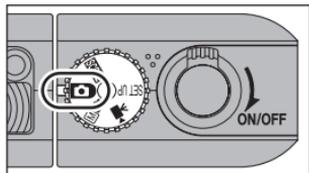


The Clock Battery

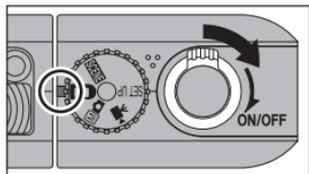
When the main battery is installed or the camera is powered by an AC adapter, the clock battery will charge in about 20 hours. When fully charged, the clock battery can provide approx. 24 hours of back-up power after the adapter or battery is removed from the camera.

Step 1 – Select Mode

This section details the basic steps involved in taking pictures in  (auto) mode. In this automatic, “point-and-shoot” mode, the majority of camera settings are controlled by the camera in response to shooting conditions, producing the best possible results in most situations.

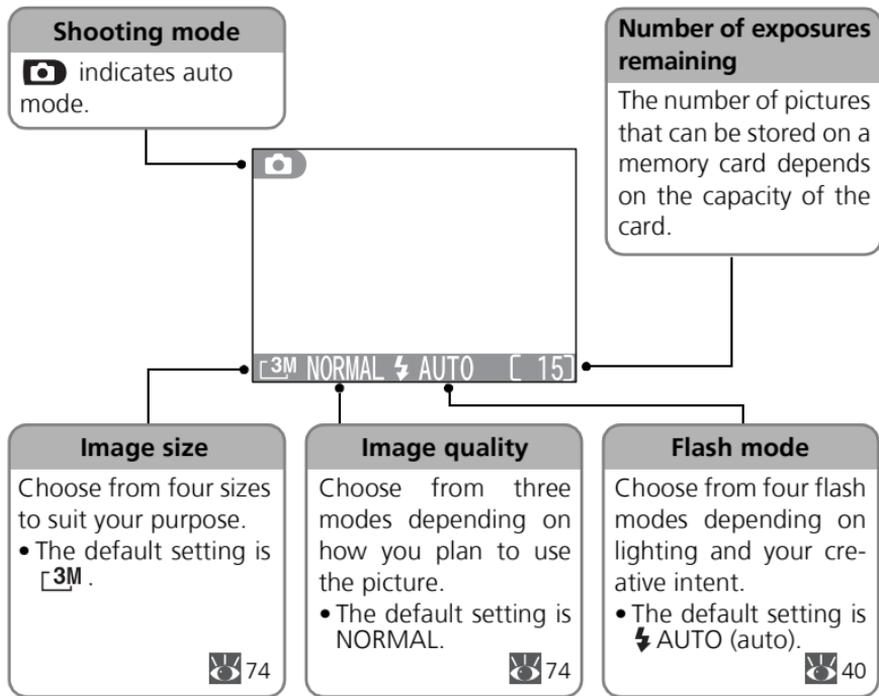


1 Set the mode dial to .



2 Turn the camera on.

- The power-on lamp will light and the monitor will display a welcome screen ( 93). The camera is ready to shoot when the monitor shows the view through the camera lens.



Number of Exposures Remaining

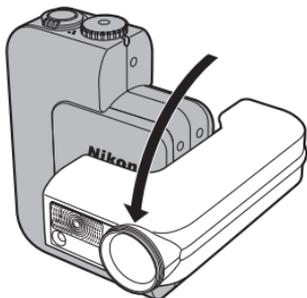
When the memory card is full, a message “Memory Card full” will be displayed in the monitor ( 102). No further pictures can be taken until you:

- choose a lower image quality or image size ( 74).
- insert a new memory card ( 24).
- delete some pictures ( 39, 85)

Advanced Brightness Control LCD

The COOLPIX SQ’s Advanced Brightness Control LCD optimizes visibility in sunlight and other lighting conditions.

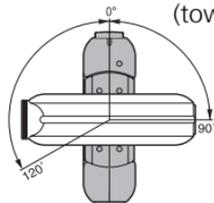
Step 2 – Frame the picture



1 Adjust the lens angle.

- From a position parallel to the camera body, the lens section can be rotated 120° forward or 90° back toward the monitor.

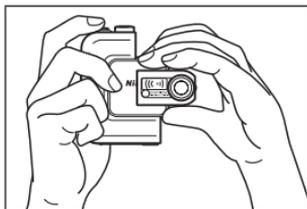
Forward \longleftrightarrow Back
(toward monitor)



\longleftrightarrow : Range of rotation

2 Ready the camera.

- Hold the camera steadily in both hands.
- ✍ To avoid dark or partially obscured pictures, keep your fingers and other objects away from the lens and flash window.

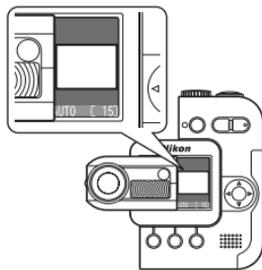


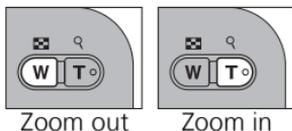
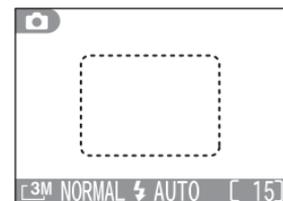
✓ Rotating the Lens Section

Care should be taken to avoid catching fingers, hair, or clothing in the lens section when rotating it. When adjusting the angle of the lens, rotate the lens section slowly; do not use excessive force.

✍ Taking Pictures of Yourself

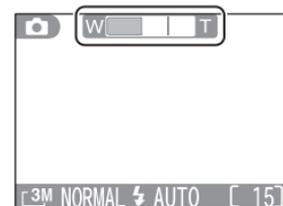
- To frame a quick arms-length self-portrait, rotate the lens to point in the same direction as the monitor. In this position, the monitor will show a mirror image of what will appear in the final photograph.
- The shooting screen in the monitor will be smaller than that of the normal shooting but the pictures taken are not affected.



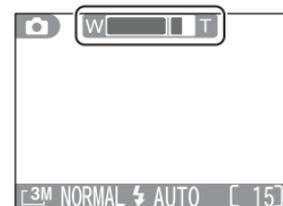


Zoom out

Zoom in



Indicator in monitor shows amount of zoom when either button is pressed.



Digital zoom

3 Frame your subject.

- Frame your subject in the center of the monitor.

4 Use the zoom buttons.

- Your Nikon digital camera is equipped with an optical zoom. The camera's zoom lens can be used to magnify the subject up to 3x.
- Press the **W** button to zoom out, increasing the area visible in the frame.
- Press the **T** button to zoom in on your subject so that it fills a larger area of the frame.
- At the maximum optical zoom position, holding the **T** button down for about two seconds triggers the digital zoom. The digital zoom magnifies the subject up to a further 4x, for a total of 12x. The zoom indicator turns yellow in the digital zoom range.
- To cancel digital zoom, press the **W** button until the zoom indicator turns white.

3

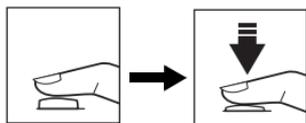
Basic Photography



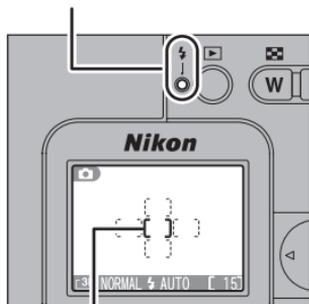
Digital Zoom

- In digital zoom, data from the camera's image sensor are processed digitally, enlarging the center portion of the picture to fill the frame. Unlike the optical zoom, the digital zoom does not increase the amount of detail visible in the picture. Instead, details visible at maximum optical zoom are enlarged, producing a slightly "grainy" image.
- In digital zoom, the center focus area is used and the autofocus indicator (AF●) in the monitor lights green/flashes red instead of the focus area indicator when the shutter-release button is pressed halfway (Ⓜ 35).

Step 3 – Focus and Shoot



Flash-ready lamp



Focus area indicator

1 Focus.

Press the shutter-release button halfway to set focus and exposure.

- Focus and exposure will be locked while the shutter-release button is pressed halfway.
- In  mode, the camera automatically selects focus area containing subject closest to camera.
- The focus area indicator lights green when the subject is in focus.

3

Basic Photography

With the shutter-release button pressed halfway, check the focus area indicator and  (flash-ready) lamp.

| Status | | Meaning |
|---|----------------|--|
| Focus area indicator [] (AF●*) | Lights (green) | Subject in focus. |
| | Flashes (red) | Camera unable to focus on subject. Recompose the picture and try again. |
| Flash-ready lamp  | On | Flash will fire when picture is taken. |
| | Blinks | Flash charging. Remove finger briefly from shutter-release button, then try again. |
| | Off | Flash is off or not required. |

* In certain cases, the Autofocus indicator AF● ( 35).



2 Take the picture.

- Press the shutter release button the rest of the way down to take the picture. To prevent blur, press the shutter-release button down smoothly.



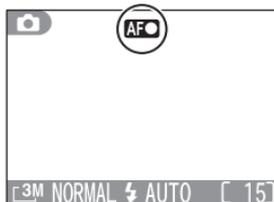
During Recording

- You can continue taking pictures until the  icon is displayed in the monitor.
- **Do not turn the camera off, eject the memory card, or remove or disconnect the power source while  or  is displayed.** Your pictures are being recorded to the memory card at this time.



Autofocus Indicator

When the lens is rotated to point in the same direction as the monitor ( 32), the digital zoom is in effect ( 33) or panorama assist mode is set ( 52) and the shutter-release button is pressed halfway, the autofocus indicator (AF●) in the monitor lights green/flashes red.



When Lighting is Poor

If lighting is poor, the view through the camera lens may appear slightly “grainy” when viewed in the monitor.



Getting Good Results with the Autofocus

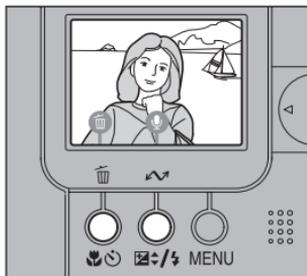
The autofocus performs best when there is contrast between the subject and background and the subject is evenly lit. It does not perform well if the subject is very dark or moving rapidly, if there are objects of sharply differing brightness in the scene (e.g. the sun is behind your subjects and their features are in deep shadow), if there is a lack of contrast (e.g. the buildings all around have white walls or the subject's clothes are the same color as the background), or if the subject contains objects at different distances from the camera (e.g. the subject is inside a cage).

3



Quick Deletion (🗑️) or memo record (🗣️)

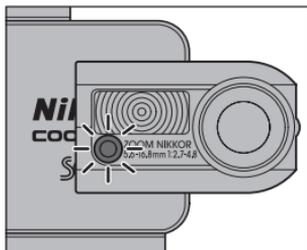
Basic Photography After each shot, the picture you have just taken will be displayed briefly in the monitor before recorded to the memory card. If you are not satisfied with the picture you have just taken, you can delete the picture instantly by pressing the 🗑️ button. You can also record a voice memo of up to 15 seconds while pressing the 🗣️ button (📖 55).



AF-Assist illuminator

AF-Assist illuminator will automatically illuminate and enable autofocus operation in dark conditions when the subject is dark and the shutter-release button is pressed halfway.

- The AF-Assist illuminator working range:
 - Approx. 0.3* -2.2 m/1 -7.2 ft. (at wide zoom position)
 - Approx. 0.3* -1.3 m/1 -4.3 ft. (at tele zoom position)
 - * Approx. 0.15 m/0.5 ft. at middle zoom position in macro close-up mode
- The AF-Assist illuminator does not fire in the scene modes 🏞️ (Landscape), 🌅 (Dusk/Dawn), 🌃 (Night Landscape), 🏛️ (Museum) and 🎆 (Fireworks Show) (📖 49-51).



Focusing on Off-Center Subject: Focus Lock

If your subject is not at the center of the frame when the shutter-release button is pressed halfway, your picture may be out of focus. To focus on an off-center subject:



*Half-press
and hold*



*Keep
pressed*



Press fully

1 Focus on subject.

2 Check the focus area indicator.

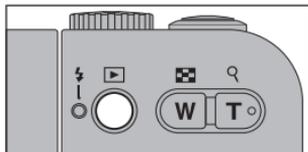
- With the shutter-release button pressed halfway, check that the focus area indicator lights green, indicating that the subject is in focus. Focus and exposure will remain locked while the shutter-release button is pressed halfway.

3 Recompose the picture.

- Do not change the distance between the camera and your subject while focus lock is in effect. If your subject moves, remove your finger from the shutter-release button and focus again at the new distance.

4 Take the picture.

Step 4 – View the Results (Full-Screen playback)



1 Press the button.

- The  button is also used to turn on the camera.



2 View pictures in the monitor.

- Your most recent picture will be displayed in the monitor.

3

Basic Photography



- Press the multi selector  or  to view pictures recorded before or after the current photo.
- Keep the multi selector  or  pressed to scroll rapidly to the desired frame number.
- To return to shooting mode, press the  button.

 **For more information on:**

56 More on Playback

Step 5 – Deleting Unwanted Pictures

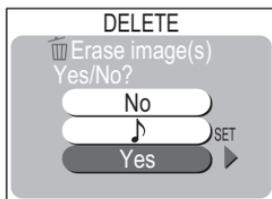
1



To delete the picture displayed in the monitor, press the  button.

- A confirmation dialog will be displayed.

2



Highlight **Yes**.

3



Press the multi selector  to delete picture.

- Select **No** and press the multi selector  to exit without deleting picture.

3

Basic Photography



Image File and Folder Names

Pictures taken with the COOLPIX SQ are identified by file names that begin with "DSCN" followed by a four-digit file number assigned automatically by the camera (e.g. "DSCN0001"). Each file name ends in a three-letter "extension" that identifies the type of picture: ".JPG" for photographs and ".MOV" for movies.

When a picture is viewed in the monitor, the file number and extension appear in the top right corner of the display. The identifier is not displayed, but is visible when the picture is transferred to a computer.

Picture files are stored in folders created automatically by the camera and named with a three-digit folder number followed by "NIKON" (e.g. "100NIKON").

Folders can hold up to 200 pictures; if you take a picture when the current folder contains 200 pictures, a new folder will be created by adding one to the current folder number. File numbering starts over from 0001 if a picture is taken when the current folder contains a file numbered 9999. The camera will create a new folder by adding one to the current folder number. The new picture will be numbered 0001 and stored in the new folder. If the file number reaches 9999 when the card contains a folder numbered 999, no more pictures can be stored on the card, even if sufficient memory remains. Format the current card or insert a new card (91).

Using the Flash

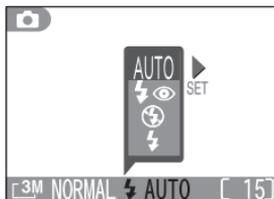
The following flash modes are available:

| Mode | How it works | When to use it |
|---|--|--|
| AUTO Auto | Flash fires automatically when lighting is poor. | Best choice in most situations. |
|  Auto with red-eye reduction | Pre-flash fires before main flash, reducing "red-eye." | Use for portraits (works best when subject is well within range of flash and looking at pre-flash). Not recommended when quick shutter response is required. |
|  Flash Cancel (off) | Flash will not fire even when lighting is poor. | Use to capture natural lighting under dim light or where use of flash is prohibited. If  (camera shake) icon appears, care should be taken to avoid blurring. |
|  Anytime Flash (fill flash) | Flash fires whenever picture is taken. | Use to "fill-in" (illuminate) shadows and back-lit subjects. |

4

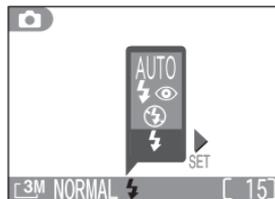
More on Photography

1



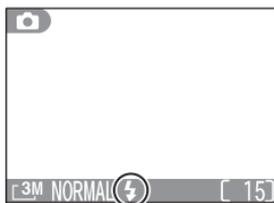
Display flash-mode menu.

2



Highlight desired mode.

3



Exit menu. Flash mode shown by icon at bottom of monitor.

- If no operation is performed for about two seconds, the selected mode is automatically set.



Sensitivity (ISO Equivalency)

When lighting is poor and the flash is off (⚡), the camera will automatically increase sensitivity, permitting faster exposures and minimizing blur caused by camera shake. An **ISO** icon will appear in the monitor to warn that the picture may be slightly mottled.



4

More on Photography



The 🖐️ (camera shake) icon

When lighting is poor and the flash is off (⚡), shutter speeds will slow and pictures may be blurred.

If the shutter speed is very slow, a 🖐️ (camera shake) icon will appear in the monitor. Use of a tripod or support is recommended.



Flash range:

Approx. 0.3* - 5.0 m/1 - 16.4 ft. (at wide zoom position)

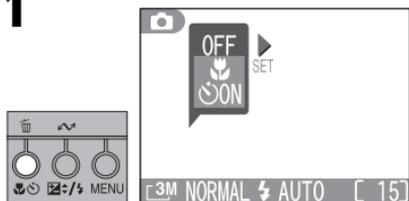
Approx. 0.3* - 3.7 m/1 - 12.1 ft. (at tele zoom position)

* Approx. 0.15 m/0.5 ft. at middle zoom position in macro close-up mode

Easy Close-Ups: Macro Close-up Mode

Macro close-up mode is used for taking close-up shots of small objects at very short distances (minimum 4 cm/1.6").

1

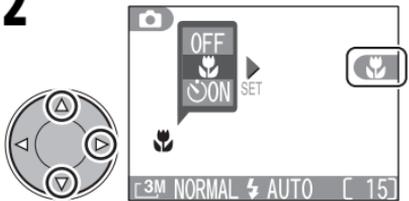


Display macro close-up menu.

2

4

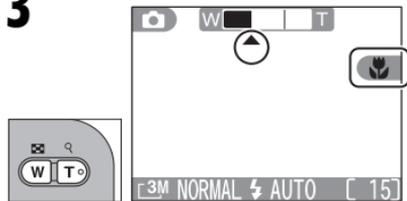
More on Photography



Highlight  and press the multi-selector  to exit the menu.

-  icon appears in monitor.
- If no operation is performed for about two seconds, the selected mode is automatically set.

3



Frame picture.

- In middle zoom range (indicated by ,  icon and zoom indicator in monitor turn green and camera can focus on objects as close as 4 cm (1.6", measured from lens).



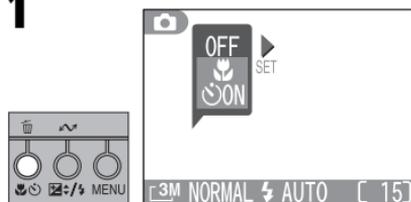
Close-Ups

- The flash may not be able to light the entire subject at distances of less than 15 cm (5.9"). When taking close-ups, play each picture back after shooting to check the results.
- Macro close-up mode may not be available in  mode or some scene modes. ( 47-52, 69)

Taking a Self-Portrait: Self-timer Mode

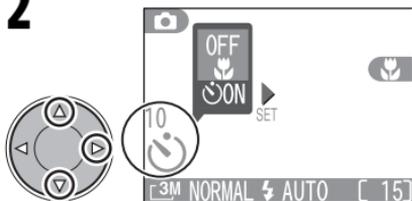
The self-timer with shutter release delay of 10 s or 3 s can be used for photographs in which you wish to appear yourself or to prevent photographs from being blurred by camera movement that occurs when the shutter-release button is pressed. When using this option, you should either mount the camera on a tripod (recommended) or rest it on a flat, level surface. To use the self-timer:

1



Display self-timer menu.

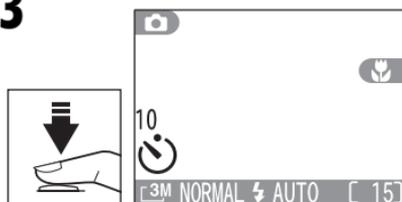
2



Highlight  ON and press the multi selector  to exit the menu.

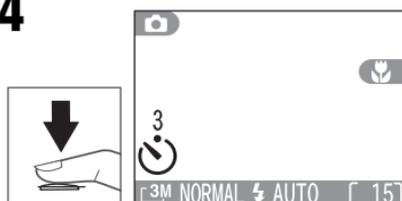
-  icon, countdown timer and  icon appear in monitor.
- If no operation is performed for about two seconds, the selected mode is automatically set.

3



Frame picture and press the shutter-release button halfway to set the focus.

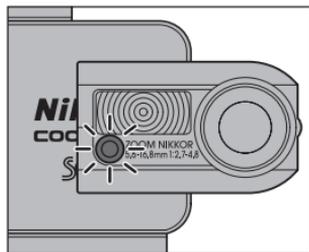
4



Press the shutter-release button the rest of the way down to start timer.

- Press once for a ten-second delay, twice for a three-second delay, and three times to stop the timer.
- Countdown timer in monitor shows number of seconds remaining until picture is taken.

Self-timer lamp



Press shutter-release once.

Press shutter-release twice.



10 sec.

Self-timer lamp *blinks*



3 sec.

1 sec.

Self-timer lamp *lights*



Shutter releases

4

More on Photography



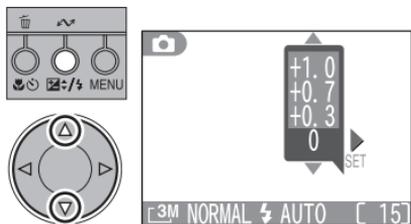
The Self-Timer

- The self-timer mode combines macro close-up mode (📷 42). In middle zoom range (indicated by ▲), 🌱 icon and zoom indicator in monitor turn green and camera can focus on objects as close as 4 cm (1.6").
- The self-timer is not available in 📷 mode or some scene modes (📷 47, 51, 52, 69).

Adjusting the Exposure: Exposure Compensation

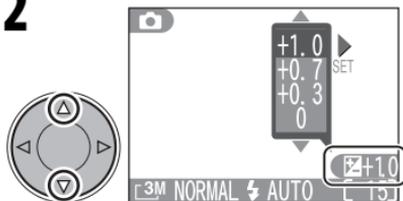
Exposure compensation is used to alter exposure from the value suggested by the camera, making pictures brighter or darker. Exposure can be adjusted in the range -2.0 to $+2.0$ EV.

1



While pressing the  button in shooting mode, press the multi-selector  or  to display menu.

2



Highlight desired exposure compensation value.

- At values other than 0, the  icon and exposure compensation value are displayed in the monitor.

4

More on Photography



Choosing an Exposure Compensation Value

The camera may set the exposure too low if large areas of the frame are very bright (containing, for example, sunlit expanses of water, sand or snow) or the background is much brighter than the main subject. If the image in the monitor is too dark, choose a positive value for the exposure compensation.

Similarly, the camera may set the exposure too high if large areas of the frame are very dark (containing, for example, an expanse of dark green leaves) or the background is much darker than the main subject. If the image in the monitor is too bright, choose a negative value for the exposure compensation.



Exposure Compensation

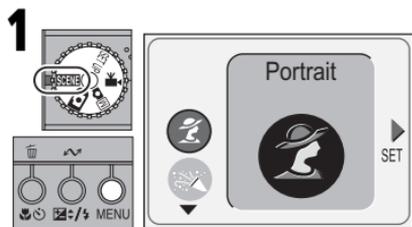
- To cancel exposure compensation, set a value of 0. In  mode or  mode, exposure compensation can also be cancelled by turning the camera off or selecting other modes.
- Exposure compensation is not available in  mode.

Scene Modes

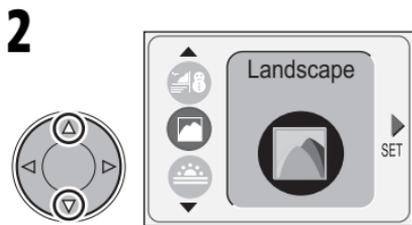
Your Nikon digital camera offers a choice of fifteen “scene” modes. In these modes, camera settings are automatically adjusted to suit the selected scene.

Choosing a Scene Mode

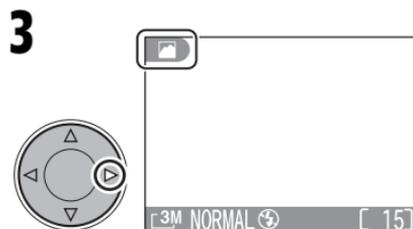
More on Photography



4 Set the mode dial to **SCENE** and press the **MENU** button to display the menu of scene choices.

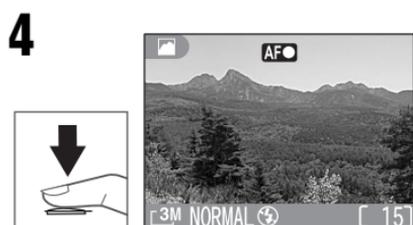


Choose scene. Current selection shown by large icon and caption.



Make selection and return to shooting mode.

- The selected scene will be shown by icon in the monitor.



Take pictures.



Scene Modes

- Depending on the scene selected, restrictions may apply to the flash mode  (40), macro close-up mode  (42) and auto-focus mode (82). These restrictions are noted on the pages that follow.
- In the scene modes other than  (Sports) and  (Close Up), Auto-focus mode is set to Single AF. If macro close-up mode is selected, however, Auto-focus mode is automatically set to Continuous AF (82).
- Self-timer mode is not available in  (Fireworks Show) and  (Panorama Assist).
- Pictures taken when an **ISO** icon appears in the monitor may be slightly mottled.
- Depending on your subject, scene mode may not always produce the desired results. If results are not to your satisfaction, choose  (auto) or  (manual) and try again.



Image Quality and Size in Scene Mode

In scene mode, pictures are recorded with the image quality ( 74) and image size ( 74) set in the  mode or  mode.



Noise Reduction

“Noise” in the form of randomly-spaced, brightly-colored pixels tends to appear in pictures taken at slow shutter speeds. This effect is particularly noticeable in dark areas of the picture. At settings of  (Night Portrait),  (Dusk/Dawn) and  (Night Landscape), pictures taken at slow shutter speeds are processed to reduce noise before being saved to the memory card. As a result, more time is required to save pictures to the memory card.



The (Camera Shake) icon

When the  icon appears in the monitor, pictures may be blurred. In this section, the precautions that you can take to avoid blur are indicated by stars:

- ★ : hold camera in both hands and brace elbows against your body
- ★★ : use a tripod or rest the camera on a flat, level surface.

Scene Modes

The following scenes are available:

Portrait



Use for portraits. Main subject stands out clearly while background details are softened, lending the composition a sense of depth.

- Degree to which background details are softened depends on the amount of light available.
- Focus area can be selected manually using multi-selector. (AF area mode: Manual  81)



Party/Indoor



Use for shots that include details of the background behind the main subject, or to capture the effects of candlelight and other indoor background lighting.

- Camera focuses on subject at center of focus area.



Night Portrait



Use for shots that provide a natural balance between the main subject and the background when shooting portraits against a backdrop of night scenery.

- Noise reduction turns on automatically.
- Camera focuses on subject at center of focus area.



Sports



High shutter speeds freeze motion for dynamic sports shots.

- While shutter-release button is held down, pictures are recorded at rate of about 3 frames every 2 seconds (rate of shooting will slow when  icon is displayed). Focus, exposure, and white balance are determined by first shot in each series.
- Camera focuses continuously, even when shutter-release button is not pressed halfway.
- Camera focuses on subject at center of focus area.



Beach/Snow



Vividly captures the brightness of such subjects as snow fields, beaches or sunlit expanses of water.

- Camera focuses on subject at center of focus area.



Landscape



Use for vivid landscape shots that enhance outlines, colors and contrast in such subjects as skyscrapers and forests.

- Focus is fixed at infinity.
- When the shutter-release button is pressed halfway, the autofocus indicator (AF●) lights green instead of the focus area indicator.
- The AF-Assist illuminator does not fire even when the subject is dark ( 36).



 **Sunset**


Preserves the deep hues seen in sunsets and sunrises.

- Camera focuses on subject at center of focus area.


 **Dusk/Dawn**


Preserves the colors seen in the weak natural light before sunrise or after sunset.

- Noise reduction turns on automatically.
- Focus is fixed at infinity.
- When the shutter-release button is pressed halfway, the autofocus indicator (AF●) lights green instead of the focus area indicator.
- The AF-Assist illuminator does not fire even when the subject is dark ( 36).


 **Night Landscape**


A slow shutter speed is used to produce stunning night landscapes.

- Noise reduction turns on automatically.
- Focus is fixed at infinity.
- When the shutter-release button is pressed halfway, the autofocus indicator (AF●) lights green instead of the focus area indicator.
- The AF-Assist illuminator does not fire even when the subject is dark ( 36).



Close Up



Use to capture vivid colors in close-up shots of flowers, insects and other small objects, with the background artistically blurred.

- Camera automatically selects middle zoom position (indicated by ▲) for a minimum focus distance of 4 cm/1.6" (zoom indicator turns green). Minimum focus distance will increase if camera is zoomed in or out.
- Focus area can be selected manually using multi selector. (AF area mode: Manual )
- Camera focuses continuously, even when shutter-release button is not pressed halfway.



Museum



Use indoors where flash photography is prohibited (for example in museums and art galleries) or in other settings in which you do not want to use the flash.

- The Best Shot Selector () turns on automatically, reducing the effects of inadvertent camera movement.
- Camera focuses on subject at center of focus area.
- The AF-Assist illuminator does not fire even when the subject is dark () 36).
- Photography may be prohibited altogether in some settings. Be sure to obtain permission first.



Fireworks Show



Slow shutter speeds are used to capture the expanding burst of light from fireworks.

- Focus is fixed at infinity.
- When the shutter-release button is pressed halfway, the autofocus indicator (AF●) lights green instead of the focus area indicator.
- Self-timer mode is not available.
- Exposure compensation is not available.



Copy



Provides clear pictures of text or drawings on a white board, business card or in other printed matter.

- Camera focuses on subject at center of focus area.
- When taking close-up shots, use the  (macro close-up) mode (42).
- Colored text and drawings may not show up well in the final picture.



Back Light



Use when light is coming from behind your subject, or when your subject is in the shade but the background is brightly lit.

- Camera focuses on subject at center of focus area.

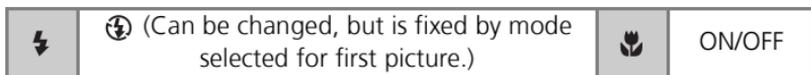


Panorama Assist



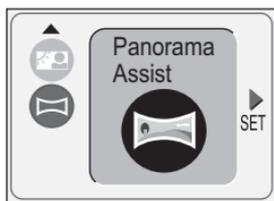
Use to take a series of photographs that you will later join to form a single scene (for example, a panorama or 360° virtual-reality image).

- When the shutter-release button is pressed halfway, the autofocus indicator lights (green)/flashes (red) instead of the focus area indicator (35).
- Self-timer mode is not available.



Taking Pictures for a Panorama

1



Highlight  (Panorama Assist).

2



Press the multi selector .

- The direction indicator () for panorama shooting is displayed and a small screen appears in the middle of the monitor.

3



Take the first picture.

- The left two-thirds of the picture just taken is displayed on the left side of the monitor and the shooting screen is displayed on the right.

4



Compose the next shot to overlap with the previous picture.

5



Take the next picture.

- Repeat Steps 4 and 5 until all shots in series have been taken.

6

Complete the Panorama Assist mode by the following way:

- Press the **MENU** button or .
- Change the mode dial setting.
- Turn the camera off.

4

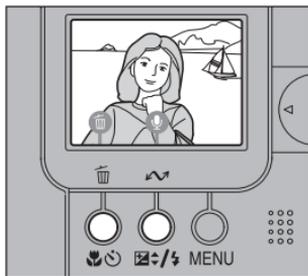
More on Photography



Panorama Assist

- Using a tripod makes it easier to compose shots so that they overlap.
- If the lens is rotated to point in the same direction as the monitor, panorama assist mode is not available.
- Each time a new series of pictures is begun at a setting of Panorama Assist, a folder will be created with a name consisting of "P_" followed by a three-digit number assigned automatically by the camera (e.g., "P_001"), and all pictures in the series stored in this folder.

Quick Deletion/Memo Record



The picture you have just taken is displayed in the monitor for a few seconds immediately after shooting. The following functions are available during this time:

| To | Press | Description |
|-------------------|-------|---|
| Delete picture | | <p>Press the button to display confirmation dialog. Press the multi-selector to select No or Yes, and press to execute.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center; margin: 0;">DELETE</p> <p style="text-align: center; margin: 0;"> Erase image(s) Yes/No?</p> <p style="text-align: center; margin: 0;"> No Yes <small>SET</small> </p> </div> <ul style="list-style-type: none"> • Select No to save picture and return to shooting mode. • Select Yes to delete picture. |
| Record voice memo | | <p>Memo of up to 15 s can be recorded using the camera's microphone while button is held down. During recording, length of memo that can be recorded is displayed in monitor. Recording ends after 15 s or when button is released.</p> |

You may not delete a picture or record a voice memo after firing the flash when icon is displayed.



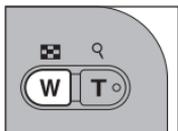
For more information on:

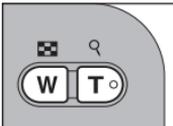
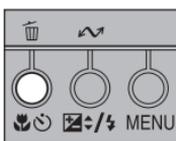
58 Adding Audio Commentary: Voice Memo

Viewing Pictures on the Camera

Viewing Multiple Pictures: Thumbnail Playback

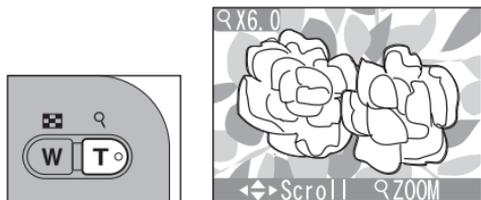
Pressing the  (W) button in full-screen playback mode displays a menu of four thumbnail images. The following operations can be performed while thumbnails are displayed:



| To | Press | Description |
|---|---|--|
| Highlight pictures |  | Press the multi selector  /  /  /  to highlight thumbnails. |
| Change number of pictures displayed |  | With four thumbnails displayed, press the  (W) button once to view nine thumbnail pictures, and press again to switch to full-screen playback. With nine thumbnails displayed, press the  (T) button once to view four thumbnail pictures, and press again to switch to full-screen playback. |
| Delete highlighted picture |  | Press the  button to display the confirmation dialog. Press the multi-selector  /  to select Yes or No , and press  to execute. Select No to exit without deleting picture. Select Yes to delete picture. |
| Select highlighted picture for transfer to a computer |  | By pressing the button to display or remove the  (transfer) icon on a picture, you can select or deselect pictures for later transfer to a computer ( 62). |

Taking a Closer Look: Playback Zoom

Use the **Q** button to zoom in on photos displayed in full-screen playback.



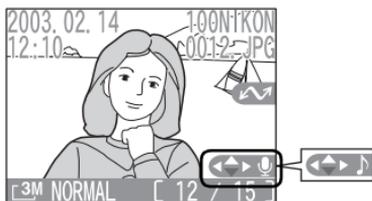
| To | Press | Description |
|---------------------------|-------|--|
| Zoom photo in | | <ul style="list-style-type: none"> • Zoom increases each time the Q (T) button is pressed, to maximum of 6.0x. • While picture is zoomed in, the Q icon and zoom ratio are displayed in upper left corner of monitor. |
| View other areas of image | | Use multi selector to scroll to areas of picture not visible in monitor. |
| Cancel zoom | | Press the (W) button to cancel zoom. |



To view other pictures on the memory card, first cancel the zoom.

Adding Audio Commentary: Voice Memo

This function can be used to record a brief voice memo for the picture currently displayed in full-screen playback. If voice memo can be recorded,  will be displayed in monitor. The voice memo is recorded on the memory card as a sound file (.wav) and the  icon is displayed on the picture. You can also record a voice memo immediately after taking the picture ( 55).



| To | Press | Description |
|---------------------|--|---|
| Record memo |  | Memo of up to 15 s can be recorded using the camera's microphone while  button is held down. During recording, length of memo that can be recorded is displayed in monitor. Recording ends after 15 s or when  button is released. Do not cover the microphone during recording a memo. |
| Playback memo |  | <ul style="list-style-type: none"> • If a voice memo has been recorded for current picture,  will be displayed during playback. Press  button to play recording back over the camera's speaker. Playback ends when entire recording has been played back. •  blinks during playback. |
| Delete memo/picture |   | <p>Press the  button when picture with  icon is displayed and confirmation dialog appears. Press the multi-selector / to highlight option and press  to execute.</p> <ul style="list-style-type: none"> • Select No to exit without deleting both voice memo and picture. • Select  to delete only voice memo. • Select Yes to delete both voice memo and picture. |

Viewing Pictures on a TV

Using the audio/video (AV) cable EG-CP12 provided with your camera, you can connect COOLPIX SQ to a television or video-cassette recorder (VCR).



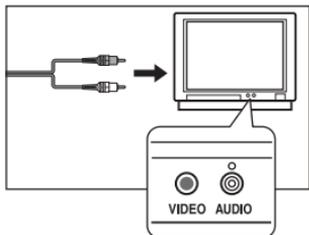
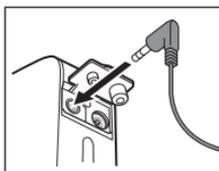
Choosing a Video Mode

The Video mode item in the camera setup menu offers a choice of NTSC and PAL standards (📺 96). Be sure that the standard selected matches that used in the device.

1 Turn the camera off.

2 Connect the video cable.

- Insert the black plug into the camera's AV out connector, the yellow plug into the video-in jack on the television or VCR and the white plug into the audio-in jack.



3 Turn the TV to the video channel.

- For more information, refer to the manual for the video device.

4 Press the  button for about two seconds to enter full-screen playback.

- Pictures will be played back on the television screen.
- The camera monitor will remain off.



Use an AC adapter

When displaying pictures on a TV for an extended period of time, use the EH-61 AC adapter provided with the camera. Auto Off (📺 95) is fixed at 30 minutes when the adapter is connected.

Viewing Pictures on a Computer

Using the COOL-STATION MV-10 via the UC-E7 USB cable and Nikon View software provided with your camera, you can view your photographs and movies on a computer.



Before Connecting the COOL-STATION

Be sure to install Nikon View before connecting the COOL-STATION to your computer. For information on installing Nikon View, see the Quick Start Guide and the Nikon View Reference Manual CD-ROM.

1. Before Connecting the Camera

Pictures can be copied from the camera to the computer by:

- Pressing the  button on the COOL-STATION
- Clicking the  button in Nikon View

Which method you will use depends on your computer's operating system and the USB option selected in the camera setup menu. After consulting the following table, select the appropriate option using the USB item in the camera setup menu. The default option is **Mass Storage**.

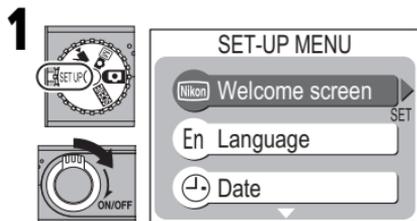
5

More on Playback

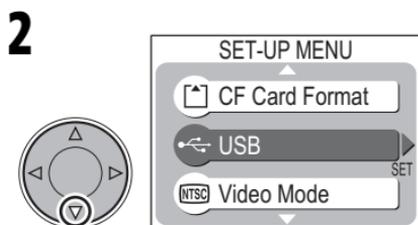
| Operating system | Pictures transferred using: | |
|---|--|--|
| | COOL-STATION  button | Nikon View  button |
| Windows XP Home Edition Windows XP Professional | Choose Mass Storage or PTP . | |
| Mac OS X 10.1.3 or later | Choose PTP . | Choose Mass Storage or PTP . |
| Mac OS X 10.1.2 | —* | |
| Windows 2000 Professional Windows Millennium Edition (Me) Windows 98 Second Edition (SE) Mac OS9 (9.0 - 9.2) | Choose Mass Storage . | |

* Pictures cannot be transferred using the  button on the COOL-STATION in Mac OS X 10.1.2. Use Nikon View  button to transfer pictures after turning the camera on ( 64).

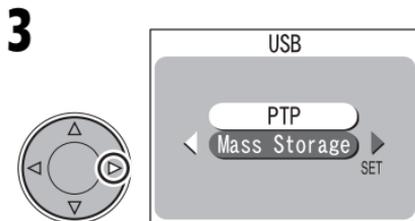
To select the USB option:



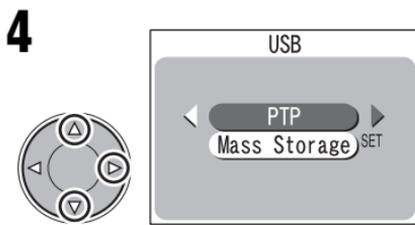
Display setup menu.



Highlight **USB**.



Display options.



Highlight **PTP** or **Mass Storage**, and press **▶** to exit the menu.

**Windows 2000 Professional, Windows Millennium Edition (Me),
Windows 98 Second Edition (SE), Mac OS 9**

Do not select **PTP** when connecting the COOL-STATION MV-10 to a computer running one of the above operating systems.

If you have connected the camera to a computer running one of the above operating systems with **PTP** selected in the USB menu, disconnect the camera as described below. Be sure to select **Mass Storage** in the USB menu before reconnecting the camera.

Windows 2000 Professional:

A dialog will be displayed welcoming you to the Found New Hardware Wizard. Click **Cancel** to close the dialog, and then disconnect the camera.

Windows Millennium Edition (Me):

After displaying a message stating that the hardware information database is being updated, the computer will start the Add New Hardware Wizard. Click **Cancel** to exit the wizard, and then disconnect the camera.

Windows 98 Second Edition (SE):

The Add New Hardware Wizard will be displayed. Click **Cancel** to exit the wizard, and then disconnect the camera.

Mac OS 9 (9.0 - 9.2):

A dialog will be displayed stating that the computer is unable to use the driver needed for the "Nikon Digital Camera SQ_PTP" USB device. Click **Cancel** to close the dialog, and then disconnect the camera.

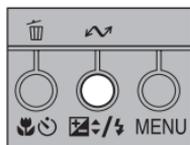


Selecting Pictures for Transfer

Pictures selected for transfer to a computer are marked with a  icon. You can turn transfer marking for selected pictures on or off by pressing the  button on the camera while the pictures are displayed in playback mode.

5

More on Playback



 Button



Full-screen playback



Thumbnail playback

- Pictures are automatically marked for transfer as they are taken. Use the  button to unmark or mark images for transfer.
- It is possible to turn the transfer marking on or off for all the pictures at once (90).



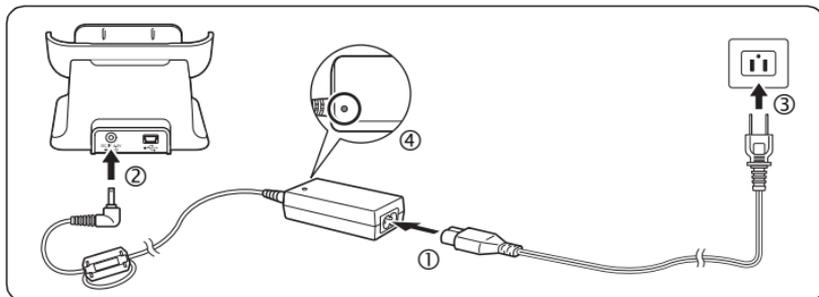
USB Hub

Do not connect the COOL-STATION via USB hub or keyboard.

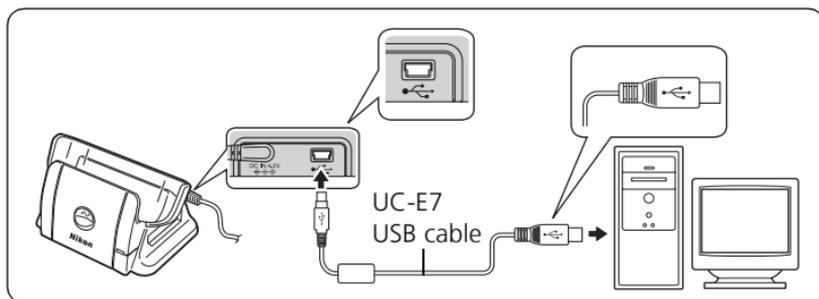
2. Connecting the camera and COOL-STATION to the computer

1 Connect the EH-61 AC adapter to the COOL-STATION.

- The power lamp will glow showing the EH-61 is plugged in (④).



2 Connect the COOL-STATION to your computer using the UC-E7 USB cable.



3 Turn the camera off and place it on the COOL-STATION.

- ① Check that the camera is turned off.

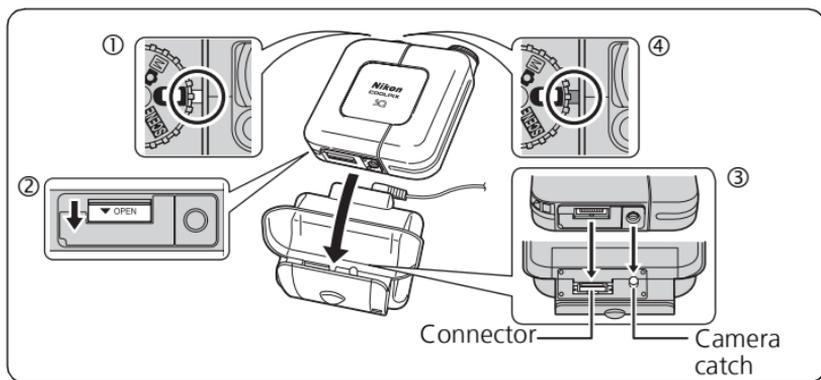
Be sure to turn the camera off before placing the camera on the COOL-STATION.

- ② Open the COOL-STATION connector cover on the camera.

- ③ Place the camera on the COOL-STATION.

- ④ Check that the power-on lamp on the camera lights red or blinks red.

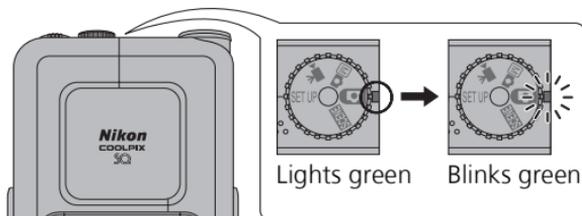
When the power-on lamp is off, replace the camera correctly (⑧22).



3. Transferring Pictures

Press the  button on the COOL-STATION to transfer pictures.

5
More on Playback



- The power-on lamp on the camera will light green. When the Nikon Transfer component of Nikon View will be displayed in the computer monitor, the power-on lamp will blink green.
- When you press the  button on the COOL-STATION, pictures with the  icon will be transferred to the computer.
- Pictures cannot be transferred using the COOL-STATION  button with Mac OS X 10.1.2. Turn on the camera placed on the COOL-STATION and click the  button in Nikon View. For information on how to use Nikon View, see the Quick Start Guide and the Nikon View reference manual.

4. Disconnecting the Camera

Make sure that the power-on lamp on the camera lights green before disconnecting the camera.

If **PTP** is selected in the USB menu (61), you can turn the camera off once transfer is complete.

If you have not changed the USB option in the camera setup menu from its default setting of **Mass Storage**, you must remove the camera from the system as shown below before turning the camera off.



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



Mac OS 9

Mac OS X

Drag the “NO_NAME” camera volume to the Trash.

Mac OS 9

Drag the “untitled” camera volume to the Trash.

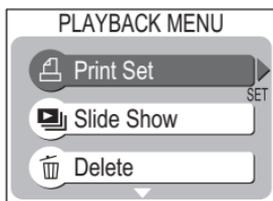
- If you turn the camera off, the color of the power-on lamp on the camera will change from green to red and will start blinking as the battery is being charged.
- When the battery is fully charged, the power-on lamp will stop blinking and remain red.

Printing Pictures (DPOF)

Pictures taken with your Nikon digital camera can be printed and enjoyed in the same way as pictures taken with a film camera. Using the Print Set option in the camera playback menu, you can specify the pictures to be printed, the number of prints, and the information to be included with each print. The pictures can then be printed by inserting the camera memory card into any device that supports Digital Print Order Format (DPOF), be it your personal photo printer or your photofinisher's print system.

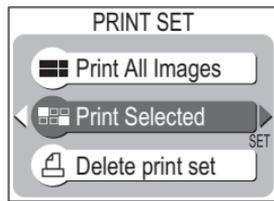
To create a digital print order, press **MENU** button during playback and select **Print Set** from PLAYBACK MENU (83), then follow the steps below.

1



Highlight **Print Set**.

3

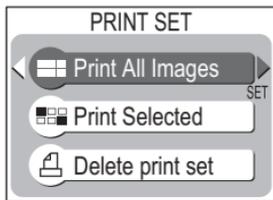


Highlight **Print Selected**.

5

More on Playback

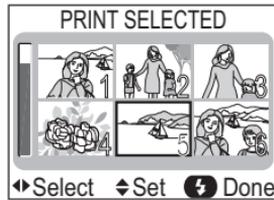
2



Display Print Set menu.

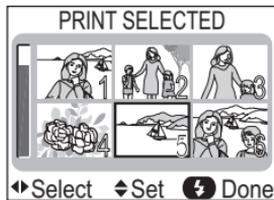
- Highlight **Print All Images** to select all the pictures for printing (one per picture) and press **▶**. Then, proceed to Step 3.
- Highlight **Print Selected** to select pictures for printing and press **▶**.
- Select **Delete print set** to cancel all the print settings.

4



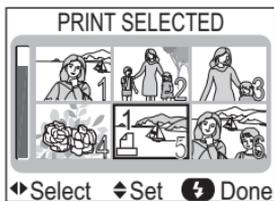
Pictures on memory card displayed as thumbnail images.

5



Highlight picture.

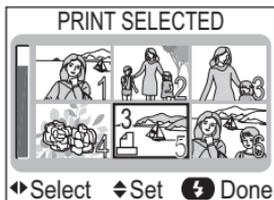
6



Select highlighted picture.

- 1 (no. of prints) and the  icon are displayed on the selected picture.

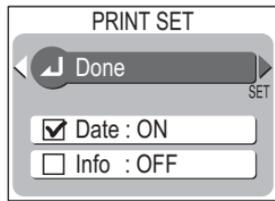
7



Use the multi selector to specify number of prints (up to 9).

- Press the multi selector  to increase,  to decrease.
- To deselect picture, press the multi selector  when number of prints is 1.
- Repeat steps 5-7 to select additional pictures.
- To exit without altering print order, press the **MENU** button.

8



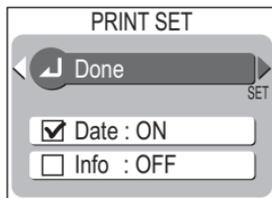
Press the  button to complete operation and display the Print Set menu.

- To print date of recording on all selected photographs, highlight **Date** and press the multi selector . Check will appear in box next to item.
- To print shutter speed and aperture on all selected pictures, highlight **Info** and press the multi selector . Check will appear in box next to item.
- To deselect a checked item, highlight and press the multi selector .
- To complete print order and return to playback, highlight **Done** and press the multi selector .
- To exit without altering print order, press the **MENU** button.



Date

If **Date** is selected, the date of recording will appear on pictures printed using DPOF. The date is based on the photo information recorded with the picture, and will not be correct if the camera clock was set incorrectly when the picture was taken (P.28). The date will not be printed if the print system does not support the DPOF date function.



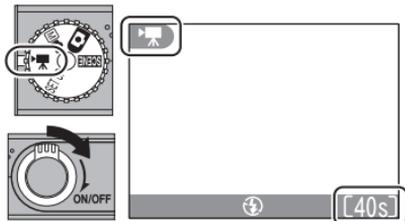
Print Set

If you display the PRINT SET menu (screen of step 8) after creating a print order, the Date and Info options will be reset.

Recording Movies

In  mode, the COOLPIX SQ can record movies up to 40 seconds in length at a rate of 15 frames per second, with sound recorded. Each frame is 320×240 pixels in size.

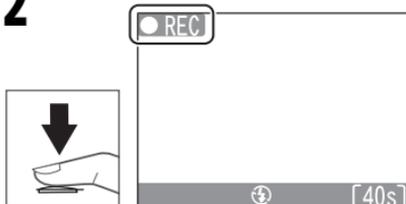
1



Set the mode dial to  and turn the camera on.

- The  icon is displayed on the monitor. The exposure-count display in the monitor shows the length of the movie that can be recorded.

2



Start recording.

- Press the shutter-release button all the way down to start recording.
- During recording, a ●REC icon will be displayed.

3



End recording.

- Press the shutter-release button all the way down a second time to end recording.
- Movies end automatically after 40 seconds or when no more space is available on the memory card.



Movie Mode

- If the lens is rotated to point in the same direction as the monitor, you cannot record movies. When rotating it during movie recording, you can record the movie but the image will be upside down.
- The movie will be stored as a QuickTime movie file with a file name ending in ".MOV".
- The flash turns off (⊕) automatically, and the self-timer, macro close-up mode and exposure compensation are disabled in movie mode.
- The digital zoom can zoom up to about 4x. Optical zoom cannot be used while recording is in progress.
- If S-AF (default setting) is selected for the Auto-Focus mode, the focus is locked when the shutter-release button is pressed ( 82).
- Playback zoom is not available for movies ( 57).
- No menu is available in movie mode.
- Do not cover the microphone during recording movies.
- Operating sounds may be recorded.

Viewing Movies



Movies can be played back in full-screen playback mode. Sound recorded with the movie is played back over the camera's speaker at the same time. Movies are indicated by a  icon.

The multi selector is used to play back movies:

| To | Press | Description |
|--------------------------------|---|--|
| Start playback |  | Press the multi selector  to start playback. When the movie ends, the final frame is displayed for one second, followed by a still image of the first frame. |
| Pause/Resume playback |  | Press the multi selector  during playback to pause. To resume playback, press  again.  |
| Advance/Rewind movie one frame |  | When the movie is paused, press the multi selector  to advance the movie one frame. Press the multi selector  to rewind the movie one frame. |
| Stop playback |  | Press the multi selector  or  during playback to stop the movie and display the previous or next picture. |

The shooting menu contains the following options:

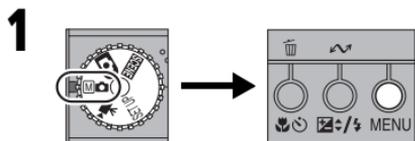
| Option | Description | Mode Dial |  |
|---------------------------|--|--|---|
| Image Quality | Choose FINE for printing and enlarging, BASIC to reduce file size. |  .M  | 74 |
| Image Size | Choose small sizes for e-mail or the web, large sizes for printing. |  .M  | 74 |
| White Balance | Match white balance to your light source. |  | 76 |
| Metering | Control how the camera sets exposure. |  | 78 |
| Continuous | Take pictures in sequence or create collages of sixteen consecutive photographs. |  | 79 |
| Best Shot Selector | Use when photos could be blurred by inadvertent camera movement. |  | 80 |
| AF Area Mode | Determine how the focus area is selected. |  | 81 |
| Auto-Focus Mode | Choose the autofocus mode. |  | 82 |



The Shooting Menu

- In  (auto) and  (manual) modes, the shooting menu is displayed when the MENU button is pressed.
- No menu is available in  (movie) mode.

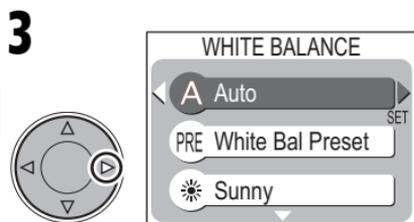
To make a selection from the shooting menu:



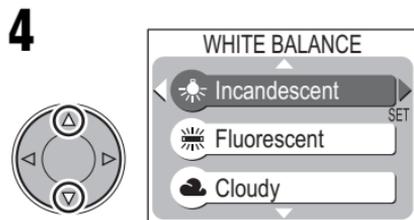
Set the mode dial to  or  and press the **MENU** button to display menu for current mode.



Highlight menu item.



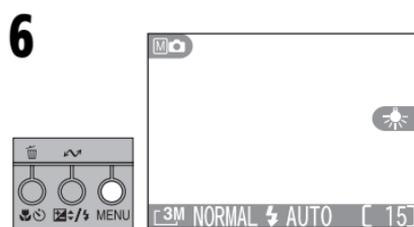
Display options.



Highlight option (to return to previous step, press multi selector ◀).



Make selection.

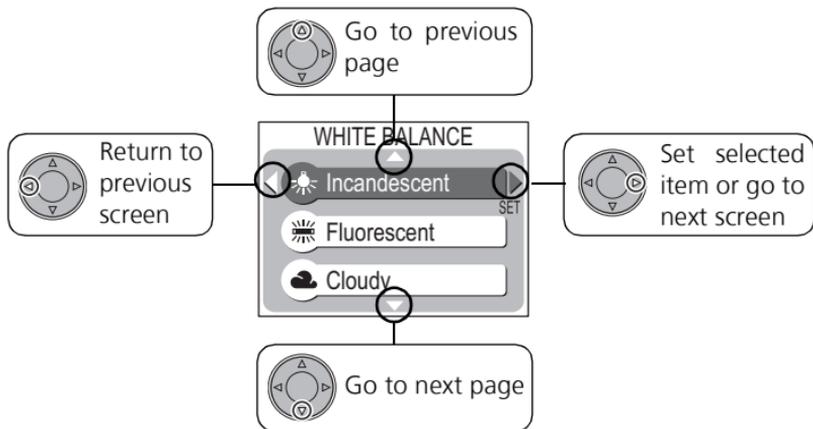


Press the **MENU** button to exit the menu and return to shooting mode.



Menu Operation Guide

The arrows ($\Delta/\nabla/\triangleleft/\triangleright$) on the shooting, playback and setup menu screens correspond to $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ on the multi selector.



The arrows ($\Delta/\nabla/\triangleleft/\triangleright$) on the playback and setup menu screens correspond to $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ on the multi selector.  corresponds to the  button.

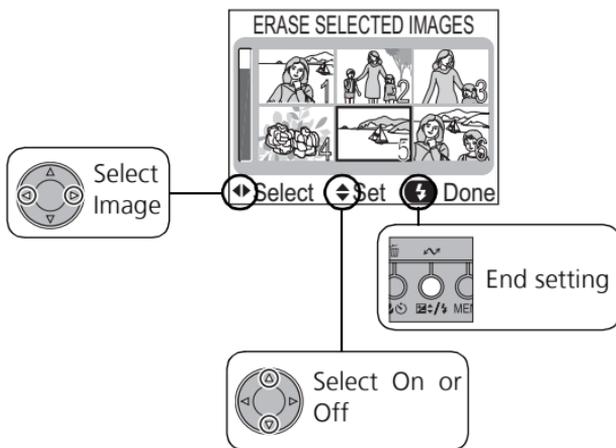
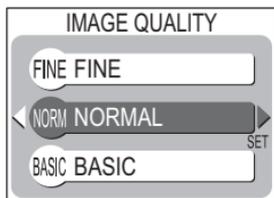


Image Quality



To reduce the amount of memory that each shot occupies, pictures are compressed as they are saved to the memory card. Compression selectively reduces the quality of the image; the more the picture is compressed, the more noticeable this loss of quality is likely to be. The actual effect depends on the size of the picture when printed or displayed and on the type of subject. The image quality menu allows you to choose the amount of compression performed.

| Option | Compression ratio (approx.) | Description |
|---------------|-----------------------------|---|
| FINE | 1:4 | Fine image quality, suitable for enlargements or high-quality prints. |
| NORMAL | 1:8 | Normal image quality, suited to most applications. |
| BASIC | 1:16 | Basic image quality, suitable for pictures that will be distributed by e-mail or used in web pages. |

Image Size

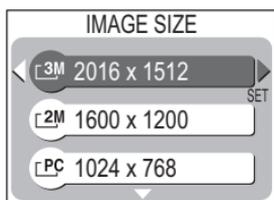


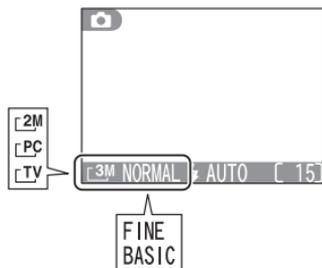
Image size refers to the physical dimensions of the image, measured in pixels. Choose an image size according to the space available on the memory card and the task at hand.

7

The Shooting Menu

Image Quality/Size

Image quality and image size are shown in the monitor.



| Option | Size (pixels) | Print size (approx.) |
|--------|------------------|--------------------------|
| ☐ 3M | 2016×1512 | 17 × 13 cm (6.7" × 5.1") |
| ☐ 2M | 1600×1200 | 13 × 10 cm (5.1" × 3.9") |
| ☐ PC | 1024×768 | 9 × 7 cm (3.5" × 2.8") |
| ☐ TV | 640×480 | 5 × 4 cm (2.0" × 1.6") |

- Print sizes assume a printer resolution of approximately 300 dpi.
- The size of pictures when printed depends on the resolution of the printer: the higher the resolution, the smaller the final print size.

● Number of exposures remaining

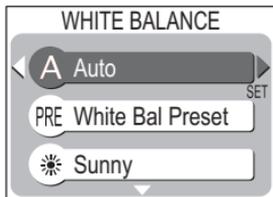
Together, image quality and size determine how much space each picture occupies on the memory card, which in turn determines the total number of pictures that can be stored. To get an idea of how different settings for image quality and size affect the number of pictures that can be stored, view the table below, which shows the approximate number of pictures that can be stored on 16- and 64-megabyte memory cards at different combinations of image quality and size.

| | | ☐ 3M | ☐ 2M | ☐ PC | ☐ TV |
|------------------------------|---------------|------|------|------|------|
| 16-MB memory card | FINE | 9 | 14 | 33 | 77 |
| | NORMAL | 17 | 27 | 62 | 131 |
| | BASIC | 34 | 52 | 109 | 203 |
| 64-MB memory card | FINE | 37 | 58 | 136 | 311 |
| | NORMAL | 72 | 112 | 253 | 532 |
| | BASIC | 140 | 212 | 444 | 823 |

* Figures are approximate. File size of JPEG images depends on the scene recorded, producing wide variations in the number of images that can be stored.

White Balance

(M📷 Only)



White balance is used to preserve natural colors under different types of lighting. In 📷 (auto) and scene modes, white balance is set automatically by the camera in response to lighting conditions and the selected scene. In M📷 (manual) mode, you can choose white balance from the following options:

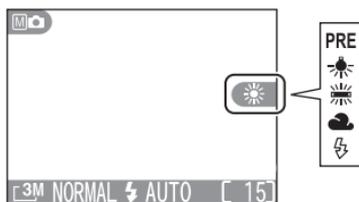
| Option | Description |
|-----------------------------|---|
| A Auto | White balance automatically adjusted to suit lighting conditions. Best choice in most situations. |
| PRE White Bal Preset | White object used as reference to set white balance under unusual lighting conditions. |
| Sunny | White balance adjusted for direct sunlight. |
| Incandescent | Use under incandescent lighting. |
| Fluorescent | Use under most types of fluorescent lighting. |
| Cloudy | Use when taking pictures under overcast skies. |
| Speedlight | Use with flash. |

7

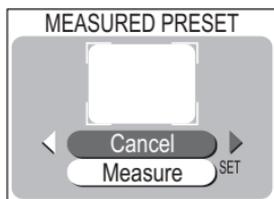
The Shooting Menu

White Balance

At settings other than **A (Auto)**, white balance is shown by an icon in the monitor.

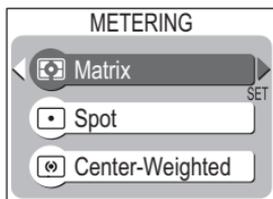


● Preset White Balance



Preset white balance is used when shooting under mixed lighting or to compensate for light sources with a strong color cast (for example, to make pictures taken under a lamp with a red shade look as though they had been taken under white light). When **PRE (White Bal Preset)** is selected from the white-balance menu, the camera will zoom in and the menu shown at left will be displayed in the monitor.

| Option | Description |
|----------------|---|
| Cancel | Recalls the most recent value for preset white balance from memory and sets white balance to this value. |
| Measure | To measure a new value for white balance, place a white object, such as a piece of paper, under the lighting that will be used in the final picture. Frame this object so that it fills the square in the center of the menu shown above. Highlight "Measure" and press the multi selector ► to measure a new value for white balance (shutter will be released and camera will return to original zoom position, but no picture will be recorded). |



The metering menu offers a choice of three metering modes that determine how the camera sets exposure.

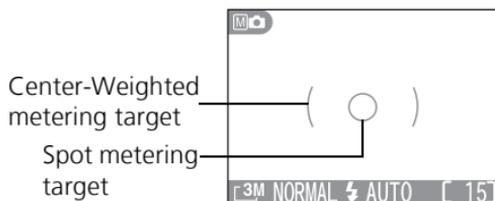
| Mode | When to Use It |
|---|---|
|  Matrix | Compares measurements from multi areas of frame with library of typical compositions to produce optimal exposure for entire image. Best choice in most circumstances. |
|  Spot | Camera measures light in area shown by circle in center of monitor. Ensures that subject in metering target will be correctly exposed even when background is much brighter or darker. Can be used with AF (AE) lock (Ⓜ 37) to meter off-center subjects. |
|  Center-Weighted | Use for portraits; adjusts exposure according to lighting at the center of the frame, but still preserves background details. Can be used with AF (AE) lock (Ⓜ 37) to meter off-center subjects. |

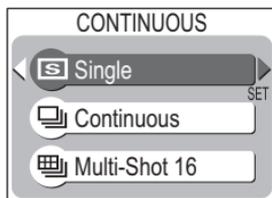
✓ Notes on Metering

- When the digital zoom is in effect, the camera automatically switches to  (**Center-Weighted**). The metering target doesn't appear.
- When the lens is rotated to point in the same direction as the monitor, the camera automatically switches from  (**Spot**) or  (**Center-Weighted**) to  (**Matrix**).

💡 Metering Target

When  (**Spot**) or  (**Center-Weighted**) is selected, the metering target is indicated in the center of the monitor.





Use the options in this menu to capture a fleeting expression on a portrait subject, photograph a subject that is moving unpredictably, or capture motion in a series of pictures.

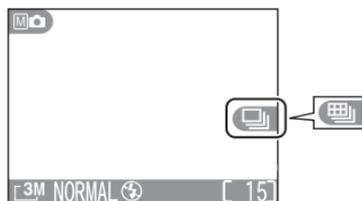
| Option | Description |
|---|---|
|  Single | Camera takes one picture each time the shutter-release button is pressed all the way down. |
|  Continuous | Camera takes pictures continuously while shutter-release button is held down. Pictures are recorded at rate of about 3 frames every 2 seconds (rate of shooting will slow when  icon is displayed). About seven pictures can be recorded in sequence at NORMAL image quality and  image size (2,016 × 1,512). |
|  Multi-Shot 16 | Each time the shutter-release button is pressed, the camera takes sixteen consecutive “thumbnail” images 512 × 384 pixels in size and combines them into a collage measuring 2,048 × 1,536 pixels. This option is not available at image sizes other than  . |

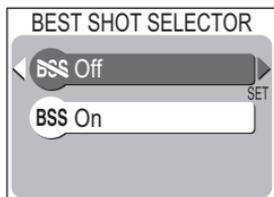
✓ Restrictions on Camera Settings

- At  (**Continuous**) and  (**Multi-Shot 16**) settings, the flash turns off, and focus distance, exposure, and auto white balance are determined by the first picture in each series.
-  (**Continuous**) or  (**Multi-Shot 16**) is automatically set to  (**Single**) when BSS is on.

(**Continuous**) or (**Multi-Shot 16**)

When  (**Continuous**) or  (**Multi-Shot 16**) is selected, the current continuous setting is shown in the monitor.





When the “Best Shot Selector” (BSS) is on, the camera takes pictures as long as the shutter-release button is held down, to a maximum of ten. These images are then compared and the sharpest picture (the picture with highest level of detail) saved to memory card. BSS is recommended for situations in which inadvertent camera movement can produce blurred pictures, for example when:

- the camera is zoomed in
- taking macro close-up pictures
- the flash cannot be used although lighting is poor

| Option | Description |
|--|--|
|  BSS Off | BSS off; camera functions normally. |
| BSS On | BSS on. The flash turns off automatically, and focus, exposure, and auto white balance are determined by the first picture in each series. |



Notes on BSS

7

The Shooting Menu

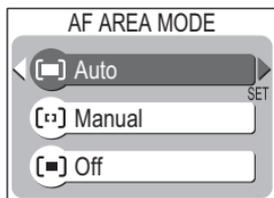
- BSS may not produce the desired results with a moving subject or if you change the composition while the shutter-release button is pressed all the way down.
- BSS is available only at a setting of  (**Single**).



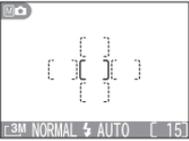
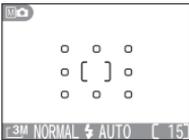
BSS

When BSS is **On**, a BSS icon is shown in the monitor.





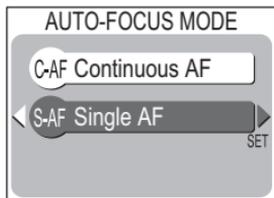
The setting determines how the camera will choose the focus area.

| Option | Description |
|--|--|
|  Auto |  <p>Camera automatically selects focus area containing subject closest to camera. Selected focus area is displayed in green (focused) or red (not focused) when shutter-release button is pressed halfway. This setting is useful when your subject is moving erratically or you have little time to check focus.</p> |
|  Manual |  <p>User selects focus area manually using multi selector. This option can be used instead of focus lock ( 37) to focus on a relatively motionless subject that is not at the center of the frame.</p> |
|  Off |  <p>Center focus area is used. This option can be used in combination with focus lock ( 37) to focus on an off-center subject.</p> |



Notes on AF Area Mode

When the lens is rotated to point in the same direction as the monitor or digital zoom is in effect, AF Area Mode is set to  (**Off**) and the center focus area is used.



This option controls whether the camera adjusts focus continuously, or only when the shutter-release button is pressed halfway.

| Option | Description |
|-------------------------------|---|
| C-AF Continuous AF | Camera adjusts focus continuously until shutter-release button is pressed halfway, minimizing time needed to focus before photo is taken. |
| S-AF Single AF | Camera focuses when shutter-release button is pressed halfway. |



 (auto) mode and  (movie) mode

- In  (auto) mode, **S-AF (Single AF)** is automatically selected.
- In  (movie) mode, **S-AF (Single AF)** is a default setting.
When **C-AF (Continuous AF)** is selected in  (manual) mode, however, **C-AF (Continuous AF)** is selected in  mode.

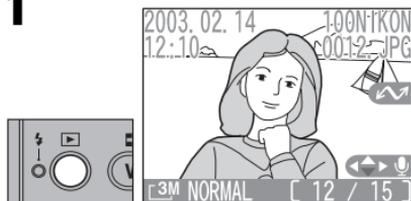
8 The Playback Menu

The playback menu contains the following options:

| Option | Description |  |
|-----------------------|--|---|
| Print Set | Select Pictures for printing on a DPOF-compatible device; specify number of prints and information to be included on each print. | 66 |
| Slide Show | View pictures on the memory card in an automatic slide show. | 84 |
| Delete | Delete all or selected pictures. | 85 |
| Protect | Protect selected pictures from accidental deletion. | 87 |
| Small Pic | Create small copy of picture. Choose size of new picture. | 88 |
| Auto Transfer | Mark all pictures for transfer to a computer, or remove transfer marking from all pictures. | 90 |
| CF Card Format | Format memory cards for use in your camera. | 91 |

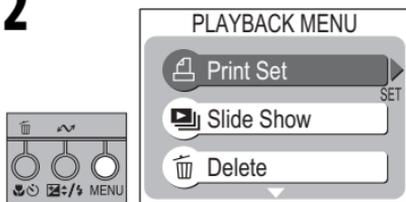
To display the playback menu:

1



Press the  button to enter the full-screen playback mode.

2



Display playback menu.

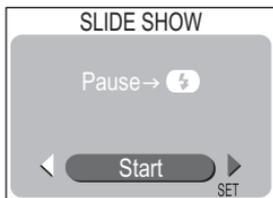
- Press the multi selector  or  to highlight the desired item.
- To make a selection from the playback menu, use the multi selector as described in “The Shooting Menu” ( 72).

8

The Playback Menu

Slide Show

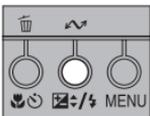
This option is used to play pictures back in an automated “slide show” with about three seconds between each picture.



Press the multi selector ► to start a slide show.

- Once all pictures have been shown, the slide show will pause with the first picture.

The following operations can be performed while a slide show is in progress:

| To | Press | Description |
|------------------------------|--|---|
| Pause slide show |  | <p>The slide show pauses and the dialog appears in the monitor.</p>  <ul style="list-style-type: none"> • To restart the slide show, highlight Restart then press the multi selector ►. • To end the slide show, highlight Quit then press the multi selector ►. |
| Go forward or back one frame |  | Press the multi selector ► to skip to the next frame and hold ► down to fast forward through show. Press the multi selector ◀ to go back one frame and hold ◀ down to rewind through show. |
| End slide show |  | Press the MENU button to end the slide show and return to full-screen playback. |



Slide Show

- Movies will be displayed as still images showing the movie's first frame.
- If no operation is performed for more than 30 minutes after setting a slide show, Auto Off will take effect and the camera will turn off automatically.

Delete

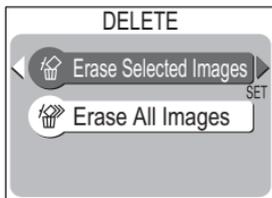
The Delete menu contains the following options:



| Option | Description |
|--|---------------------------|
|  Erase Selected Images | Delete selected pictures. |
|  Erase All Images | Delete all pictures. |

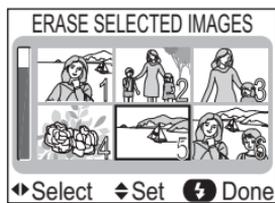
● Deleting Selected Pictures

1



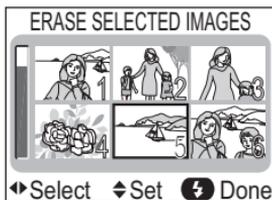
Highlight  (**Erase Selected Images**).

3



Highlight picture.

2



Pictures on memory card displayed as thumbnail images.

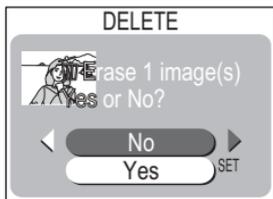
4



Select picture for deletion.

- Selected pictures are marked by the  icon.
- Repeat steps 3 and 4 to select additional pictures for deletion.
- To deselect picture, highlight and press the multi selector  or .

5



Confirmation dialog displayed.

Press the multi selector ▲ or ▼ to highlight option, then press ► to execute:

- Select **No** to return to playback menu without deleting pictures.
- Select **Yes** to delete pictures.

• Deleting All Pictures on the Memory Card

1



Highlight (**Erase All Images**).

2



Confirmation dialog displayed.

Press the multi selector ▲ or ▼ to highlight option, then press ► to execute.

- Select **No** to return to playback menu without deleting pictures.
- Select **Yes** to delete all pictures.

∞



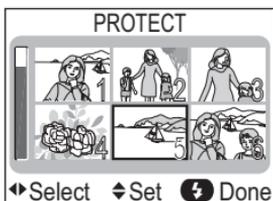
Notes on Delete menu

- Once deleted, pictures cannot be recovered. Be sure that any pictures you would like to keep have been transferred to your computer.
- Pictures marked with a are protected and can not be deleted (87).

Protect

You can select pictures to protect from accidental deletion.

1



Highlight picture.

2



Select picture.

- Selected pictures are marked by the **key** icon.
- Repeat steps 1 and 2 to select additional pictures.
- To deselect picture, highlight and press the multi selector **▲** or **▼**.

3



Complete operation.

- **Done** is displayed and the screen returns to the playback menu.
- To exit the Protect menu without changing the protected status of the pictures, press the **MENU** button.



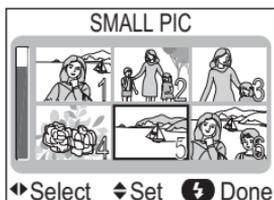
Notes on Protect Menu

Protected files cannot be deleted in full-screen playback, thumbnail playback, or from the Delete menu. Note, however, that protected pictures will be deleted when the memory card is formatted.

Small Picture

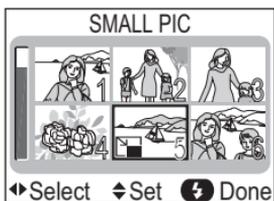
To create a small copy of a picture, select Small Pic from the playback menu. Copies can be  (1600×1200 pixels),  (1024×768 pixels),  (640×480 pixels) and  (320×240 pixels) in size, making them ideal for distribution by e-mail or for use in web pages.

1



Highlight a picture.

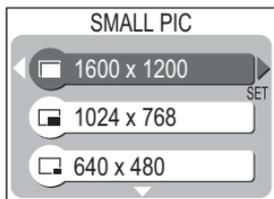
2



Select the picture to be copied.

- The  icon appears in the corner of the selected picture.
- Only one picture can be selected for copying at any one time.

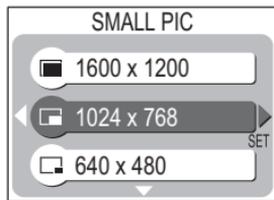
3



Complete operation.

- The size options is displayed.

4



Highlight the size of the copy.

- Pictures cannot be copied in a size larger than the original.

5



Complete operation and return to playback menu.

- The copy will be displayed after the last picture recorded.



Small Picture

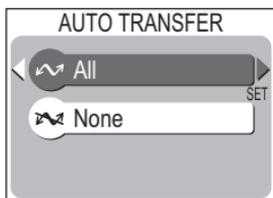
- The image quality of copies is the same as the quality of the original picture except when “320×240” is selected for the image size in Step 3. In this case, the quality setting is BASIC.
- Copies are stored on the memory card as independent files with names of the form “SSCNnnnn.JPG,” where “nnnn” is a four-digit number assigned automatically by the camera.
- Copy will have same time and date of creation as original.



Notes on Small Picture Copies

- The COOLPIX SQ may not be able to create small copies from images taken with another make of camera.
- Small Picture copies created with the COOLPIX SQ may not display correctly when viewed on other digital cameras. You may also not be able to transfer copies from other digital cameras to a computer.
- Small Picture copies do not inherit the print and protection setting from the original image.
- Small pictures cannot be created from movies.

Auto Transfer



To turn transfer marking on or off for all pictures simultaneously, select “Auto Transfer” from the playback menu.

| Option | Description |
|---|---|
|  All | All pictures on the memory card are marked for transfer. |
|  None | Remove transfer marking from all pictures on the memory card. |

✓ Notes on Transfer

- No more than 999 images can be marked for transfer on one memory card. To transfer more than 999 images, use Nikon View to transfer all the images at one time. For more information, see the Nikon View reference manual (CD-ROM).
- Pictures selected for transfer with another model of Nikon digital camera can not be transferred when the memory card is inserted in the COOLPIX SQ. Use the COOLPIX SQ to reselect the pictures.



📎 The icon

- The COOLPIX SQ camera automatically marks all the pictures you have taken for transfer with the  icon.

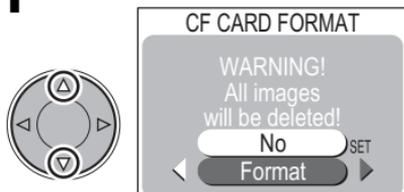
📎 Selecting/Deselecting Pictures for Transfer

You can turn transfer marking for selected pictures on or off by pressing the  button on the camera while the pictures are displayed in playback mode ( 62).

CF Card Format

Use this menu to format memory cards.
Cards must be formatted before they can be used.

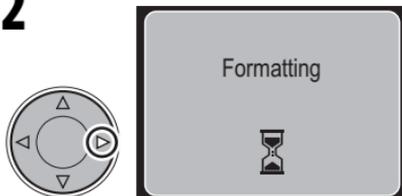
1



Highlight **Format**.

- To exit without formatting card, highlight **No** and press multi-selector ►.

2



Begin formatting.

- While formatting is in progress, message shown above will be displayed.



Notes on Formatting

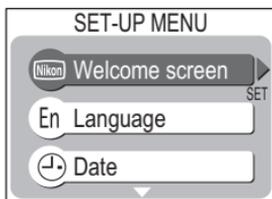
- Do not turn the camera off, remove the battery or memory card, or unplug the AC adapter while formatting is in progress.
- Formatting memory cards permanently deletes all data they contain, including protected pictures ( 87) and any other data that may be on the card. Before formatting, be sure to transfer to a computer any pictures you would like to keep.

The setup menu contains the following options:

| Option | Description |  |
|-----------------------|---|---|
| Welcome screen | Choose the welcome screen displayed and sound played back when the camera is turned on. | 93 |
| Language | Choose a language for camera menus and messages. | 28 |
| Date | Set the time and date. | 28 |
| Brightness | Adjust monitor brightness. | 95 |
| Volume | Adjust volume of sound. | 95 |
| Auto Off | Choose how long the camera will remain on before turning off automatically to save power. | 95 |
| CF Card Format | Format memory cards for use in your camera. | 91 |
| USB | Choose "PTP" or "Mass Storage" according to your computer's operating system. | 60 |
| Video Mode | Choose standard for video output from NTSC or PAL. | 96 |
| Reset All | Reset camera settings to their default values. | 96 |

To display the setup menu:

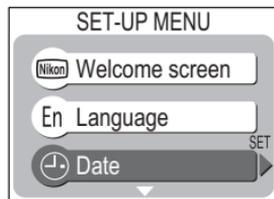
1



Set the mode dial to **SET UP**.

- The setup menu will be displayed in the monitor.

2



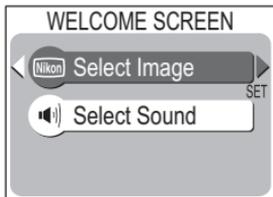
Highlight menu item.

- To make a selection from the setup menu, use the multi selector as described in "The Shooting Menu" ( 72).

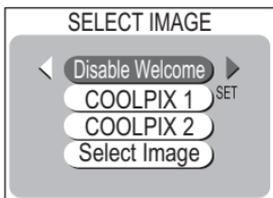


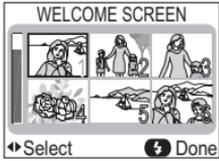
Welcome Screen

This option is used to choose the welcome screen displayed and the sound played back when the camera is turned on.



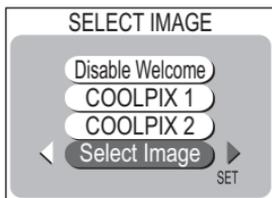
● Select Image



| Option | Description |
|------------------------|---|
| Disable Welcome | No welcome screen is displayed when camera is turned on. |
| COOLPIX 1 | Image shown at right is displayed when camera is turned on.  |
| COOLPIX 2 | Image shown at right is displayed when camera is turned on.  |
| Select Image | Select this option to choose welcome screen from pictures currently stored on camera memory card.  |

To select an image:

1



Highlight **Select Image**.

2



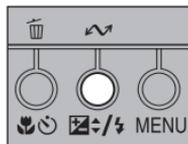
The Welcome Screen options displayed.

3



Highlight a picture.

4



Press the  button to select.

- The selected image is registered on the Welcome Screen.
- To exit without changing welcome screen, press the **MENU** button.

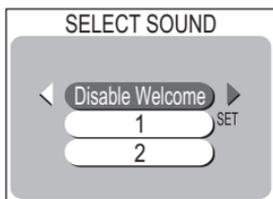


Select Image

When an image registered in **Select Image** is changed to other images such as COOLPIX 1 or COOLPIX 2, the image is deleted. To return to the original image, re-insert the memory card containing the image and select it again.

• Select Sound

9

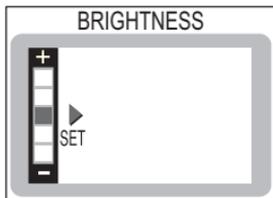


Choose the sound played back when the camera turns on from **Disable Welcome** (mute), **1** and **2**.

- When **Disable Welcome** is selected in Select Image menu, **Disable Welcome** is automatically set and fixed in Select Sound menu.



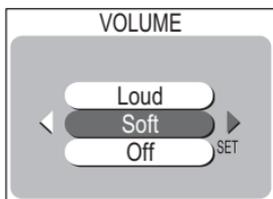
Brightness



Press the multi selector ▲ or ▼ to increase or decrease the brightness of the monitor by moving the arrow to the left of the display up or down.



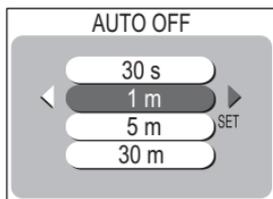
Volume



Select the volume of the sound played when you turn the camera on, release the shutter, and play back voice memos.

Choose from **Loud**, **Soft** and **Off**.

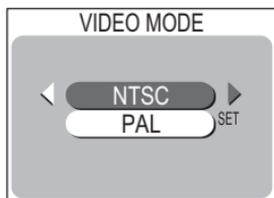
Auto Off



When operated on battery power, the camera will turn off automatically if no operations are performed for a specified period of time. Choose from thirty seconds (**30 s**), one minute (**1 m**, the default setting), five minutes (**5 m**), or thirty minutes (**30 m**).

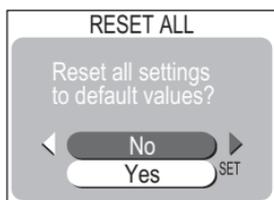
When powered by the EH-61 AC adapter, the camera will remain on for 30 minutes if no operations are performed, regardless of the setting in the Auto Off menu.

Video Mode



Before connecting your camera to a video device such as a television or VCR (📺59), choose a video mode setting that matches the video standard used in the device. Your Nikon digital camera supports **NTSC** and **PAL** standards.

ⓐ Reset All



Reset All is used to reset settings to their default values.

| Option | Description |
|------------|--|
| No | Exit menu, leaving settings unchanged. |
| Yes | Restore settings to default values. |

Choosing **Yes** restores the settings listed below to their default values.

| Setting | Default |
|---------------|----------|
| Scene mode | Portrait |
| White Balance | Auto |
| Metering | Matrix |
| Continuous | Single |

| Setting | Default |
|--------------------|-----------|
| Best Shot Selector | Off |
| AF Area Mode | Auto |
| Auto-Focus Mode | Single AF |

- Choosing **Yes** also clears the current file number (📷39) from memory. Numbering will continue from the lowest number available on the memory card. All other settings are unaffected.



Resetting File Numbering to 0001

To reset file numbering to 0001, select Reset All after either deleting all pictures (📷85) or formatting the memory card (📷91).

Optional Accessories

At the time of writing, the following optional accessories were available for the COOLPIX SQ. Contact your local retailer or Nikon representative for details.

| | |
|--|---|
| Battery charger | MH-60 battery charger |
| Rechargeable battery | Additional EN-EL2 Li-ion batteries are available from your retailer or local Nikon representative |
| AC adapter | EH-61 AC adapter |
| Carrying case | CS-CP15 soft case |
| CompactFlash™ memory card adapter | EC-AD1 PC-card adapter |
| COOL-STATION | MV-10 |
| Monitor hood | HL-CP10 LCD hood |



Approved Memory Cards

In addition to the card provided with your camera, the following memory cards have been tested and approved for use in the COOLPIX SQ:

| | | |
|------------------------------------|---------------------------------|---|
| Nikon | EC-CF | All capacities |
| SanDisk | SDCFB | 32 MB, 64 MB, 128 MB, 256 MB, 512 MB, 1 GB |
| | SDCFH Ultra | 128 MB, 192 MB, 256 MB, 384 MB, 512 MB |
| Lexar Media | 4 × USB | 16 MB, 32 MB, 64 MB, 128 MB, 256 MB, 512 MB |
| | 8 × USB | 16 MB, 32 MB, 64 MB, 128 MB, 256 MB, 512 MB |
| | 12 × USB | 64 MB, 128 MB, 256 MB, 512 MB |
| | 16 × USB | 64 MB, 128 MB, 256 MB, 512 MB |
| | 24 × USB | 64 MB, 128 MB, 256 MB, 512 MB |
| | 24 × WA (Write Acceleration) | 64 MB, 128 MB, 256 MB, 512 MB |
| Hitachi (Renesas Technology) | CompactFLASH HB28 | 128 MB, 256 MB, 512 MB |

Operation is not guaranteed with other makes of memory card. For more details on the above cards, please contact the manufacturer.

Caring for your Camera and Battery

To ensure continued enjoyment of your Nikon product, observe the following precautions when using or storing the device.

✔ Keep dry

The device will be damaged if immersed in water or subjected to high levels of moisture.

✔ Handle the lens and all moving parts with care

Do not apply force to the lens or to the battery, card, and connector covers. These parts are especially susceptible to damage.

✔ Turn the product off before removing or disconnecting the power source

Do not unplug the product or remove the battery while the product is on, or while images are being recorded or deleted. Forcibly cutting power to the product in these circumstances could result in loss of data or in damage to product memory or internal circuitry. To prevent an accidental interruption of power, avoid carrying the product from one location to another while the AC adapter is connected.

✔ Do not drop

The product may malfunction if subjected to strong shocks or vibration.

✔ Keep away from strong magnetic fields

Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields. Strong static charges or the magnetic fields produced by equipment such as radio transmitters could interfere with the monitor, damage data stored on the memory card, or affect the product's internal circuitry.

✔ Avoid sudden changes in temperature

Sudden changes in temperature, such as occur when entering or leaving a heated building on a cold day, can cause condensation inside the device. To prevent condensation, place the device in a carrying case or a plastic bag before exposing it to sudden changes in temperature.

✔ Connect the tripod directly to the camera tripod socket

For stability when using a tripod, remove the camera from the COOL-STATION and connect the tripod directly to the camera tripod socket. The camera tripod socket is located on the bottom of the camera.

Cleaning

Lens

Remove dust or lint with a blower (typically a small device with a rubber bulb attached to one end that you pump to produce a stream of air out the other). To remove fingerprints or other stains that can not be removed with a blower, wipe the lens with a soft cloth, using a spiral motion that starts in the center of the lens and works out to the edges.

Monitor

Remove dust or lint with a blower. To remove fingerprints and other stains, clean the monitor with a soft, dry cloth, being careful not to apply pressure.

Body

Use a blower to remove dust and lint, then wipe gently with a soft, dry cloth. After using the camera at the beach or seaside, wipe off any sand or salt with a cloth lightly dampened with fresh water, then dry thoroughly.

Do not use alcohol, thinner, or other volatile chemicals.



Notes on the Monitor

- The monitor may contain a few pixels that are always lit or that do not light. This is a characteristic common to all TFT LCD monitors and does not indicate a malfunction. Images recorded with the product will not be affected.
- When you frame bright subjects, vertical comet-like streaks that whiten toward either end may appear in the monitor. This phenomenon, known as “smear,” does not appear in the final photograph and does not indicate a malfunction. Some smearing may appear in movies.
- Images in the monitor may be difficult to see in a bright light.
- The monitor is lit by an LED backlight. Should the monitor begin to dim or flicker, contact your Nikon service representative.

Storage

Turn the camera off when not in use and check that the power-on lamp is off before putting the camera away. To prevent mold or mildew, store the camera in a dry, well-ventilated area. If you will not be using the product for long periods, remove the batteries to prevent leakage and store the camera in a plastic bag containing a desiccant. Do not store the camera case (available separately) in a plastic bag, as this may cause the material to deteriorate.

Note that desiccant gradually loses its capacity to absorb moisture and should be replaced at regular intervals. Do not store your camera with naphtha or camphor moth balls or in locations that:

- are poorly ventilated or damp
- are next to equipment that produces strong electromagnetic fields, such as televisions or radios
- are exposed to temperatures below -10°C (14°F) or above 50°C (122°F; for example near a space heater or in a closed vehicle on a sunny day)
- are subject to humidity of over 60%

To prevent mold or mildew, take the camera out of storage at least once a month. Turn the camera on and release the shutter a few times before putting the camera away again.

Store the batteries in a cool, dry place.



Batteries

- When you turn the device on, check the battery-level displayed in the monitor to determine whether the battery needs to be replaced. A warning will be displayed when the battery needs to be replaced.
- Ready a spare battery and keep it fully charged when taking pictures on important occasions. Depending on your location, you may find it difficult to purchase replacement batteries on short notice.
- On cold days, the capacity of batteries tends to decrease. Be sure the battery is fully charged before taking pictures outside in cold weather. Keep a spare battery in a warm place and exchange the two as necessary. Once warmed, a cold battery may recover some of its charge.
- Should the battery terminals become dirty, wipe them off with a clean, dry cloth before use.
- Used batteries are valuable resources. Please recycle used batteries in accordance with local regulations.

Error Messages

The following table lists the error messages and other warnings that appear in the monitor and how to deal with them.

| Display | Problem | Solution |  |
|--|---|--|---|
|  (Flashes) | Clock not set. | Set clock to current date and time. | 28 |
| Warning! Battery exhausted  | Battery exhausted. | Turn camera off and charge battery. | 26 |
|  (AF Area/AF indicator flashes red) | Camera cannot focus. | Use focus lock to focus on another subject at same distance, then recompose photograph. | 34 37 |
|  | Slow shutter speed. Pictures may be blurred. | Use flash, or steady camera using tripod, by placing camera on level surface, or by holding camera in both hands with elbows against torso. | 40 47 32 |
| Writing image data...  | Camera turned off or  button pressed during recording. | Message clears from display automatically when recording is complete. | 35 |
| No Memory Card  | Camera cannot detect memory card. | Turn camera off and confirm that memory card is correctly inserted. | 24 |
| Memory Card is not formatted  Format No  | Memory card has not been formatted for use in COOLPIX SQ. | Press the multi selector  to highlight Format and press  to format card, or turn camera off and replace card. | 25 91 |
| This Card cannot be used  | Error accessing memory card. | <ul style="list-style-type: none"> • Use approved card. • Check that connectors are clean. If card is damaged, contact retailer or Nikon representative. | 97 24 |
| This Card is incompatible  | | | |

| Display | Problem | Solution |  |
|--|---|--|---|
| Memory Card full  | Camera in shooting mode: Insufficient memory to record pictures at current settings. | <ul style="list-style-type: none"> • Choose lower image quality/size. • Delete pictures. • Insert new memory card. | 74 39 85 24 |
| | Camera and COOL-STATION connected to computer: Not enough space on memory card to record information need for transfer. | Delete unwanted pictures and try again. | 39 85 |
| Image cannot be saved  | <ul style="list-style-type: none"> • Memory card has not been formatted for use in camera, or error occurred while saving picture. • Camera has run out of file numbers. | <ul style="list-style-type: none"> • Reformat memory card. • Insert new memory card or delete pictures. | 91 24 39 85 |
| Card contains no images  | No pictures on memory card. | Press the  button to return to shooting mode. | 38 |
| File contains no image data  | File created by computer or cameras other than COOLPIX SQ. | Reformat memory card. | 91 |
| No images are marked for transfer  | No pictures selected for transfer when the  button on the COOL-STATION pressed to transfer pictures to computer. | Remove camera from the COOL-STATION and select at least one picture for transfer, then begin transfer again. | 59 to 65, 90 |
| System error  | Error has occurred in camera's internal circuitry. | Turn camera off, unplug AC adapter (if using), remove and reinsert battery or connect AC adapter, and turn camera on. If error persists, contact retailer or Nikon representative. | 20 |

Troubleshooting

If your camera fails to function as expected, check the list of common problems below before consulting your retailer or Nikon representative. Refer to the page numbers listed in the rightmost column for information on solving the problems listed here.



Electronically-Controlled Cameras

In extremely rare instances, unusual characters may appear in the monitor and the camera may stop functioning. In most cases, this phenomenon is caused by a strong external static charge. Turn the camera off, remove and replace the batteries, and turn the camera on again, or, if you are using the EH-61 AC adapter, disconnect and reconnect the adapter, and turn the camera on again. In the event of continued malfunction, contact your retailer or Nikon representative. Note that disconnecting the power source as described above may result in the loss of any data not recorded to the memory card at the time the problem occurred. Data already recorded to the memory card will not be affected.

| Problem | Possible cause |  |
|---------------------------------|---|---|
| Monitor is blank | • Camera is off. | 27 |
| | • Battery is not correctly inserted or battery-chamber/memory card slot cover is not securely closed. | 20 |
| | • Battery is exhausted. | 26 |
| | • EH-61 AC adapter is not properly connected. | 21 |
| | • Camera is connected to the COOL-STATION. | – |
| | • Audio/video cable is connected. | 59 |
| Camera turns off immediately | • Battery is low. • Battery is cold. | 26 100 |
| No indicators appear in monitor | • Indicators are automatically hidden after five seconds. Press the multi selector ▲ to display indicators again. • Slide show is in progress. | 15 84 |
| Monitor is hard to read | • Monitor brightness requires adjustment. • Monitor is dirty. Clean monitor. | 95 99 |
| Photos are blurred | • Camera shook during shot. Blurring caused by camera shake can be reduced by: –Using the flash | 40 |
| | –Using the Best Shot Selector (BSS) | 80 |
| | –Using the self-timer with a tripod. | 43 |

| Problem | Possible cause |  |
|--|--|---|
| No photo is taken when shutter-release button is fully pressed | <ul style="list-style-type: none"> • Camera is in playback mode. • Battery is exhausted. • Flash-ready lamp flickers: flash is charging. • Message “Memory Card is not formatted” appears in monitor: memory card is not formatted for use in COOLPIX SQ. • Message “Memory Card full” appears in monitor: insufficient memory to record pictures at current Image quality/size settings. | 38 26 34 91 101 31 102 |
| Photos are too dark (underexposed) | <ul style="list-style-type: none"> • Flash is off. • Flash window is blocked. • Subject is outside range of flash. • Exposure compensation is too low. | 40 32 41 45 |
| Photos are too bright (overexposed) | <ul style="list-style-type: none"> • Exposure compensation is too high. | 45 |
| Photos are out of focus | <ul style="list-style-type: none"> • Subject was not in focus area when shutter-release button was pressed halfway. Use focus lock. | 36 37 |
| Randomly-spaced bright pixels (“noise”) appear in image | <ul style="list-style-type: none"> • Shutter speed too slow. Use the flash. *Noise reduction, which helps reduce noise at slow shutter speeds, is available in the following scenes:  (Night Portrait),  (Dusk/Dawn) and  (Night Landscape). Using these scenes when appropriate can reduce noise. | 47 48 50 |
| Flash does not fire | <ul style="list-style-type: none"> • Flash is off. Note that flash turns off automatically when: <ul style="list-style-type: none"> –  (Sports),  (Landscape),  (Sunset),  (Dusk/Dawn),  (Night Landscape),  (Close up),  (Museum),  (Fireworks Show),  (Copy),  (Panorama Assist) – Camera is in movie mode – “Continuous” or “Multi-Shot 16” is selected in the CONTINUOUS menu ( mode only) – BSS is on ( mode only) • Battery level is low. | 40 49 to 52 69 79 80 26 |

| Problem | Possible cause |  |
|---|---|---|
| Colors are unnatural | <ul style="list-style-type: none"> • White balance does not match light source. | 76 |
| No menu is displayed when the MENU button is pressed | <ul style="list-style-type: none"> • Camera is in movie mode. | 69 |
| Picture cannot be played back | <ul style="list-style-type: none"> • File created by computer or cameras other than COOLPIX SQ. Reformat memory card. | 91 |
| TV does not display image | <ul style="list-style-type: none"> • Audio/Video cable not correctly connected. • Television not turned to video channel. • Video Mode setting does not match video device. | 59 59 96 |
| No small picture is made | <ul style="list-style-type: none"> • Picture is a movie. Small pictures can only be created from photos. | 88 |
| Can not zoom in | <ul style="list-style-type: none"> • Picture is a movie. | 69 |
| Nikon View does not start when camera connected to the COOL-STATION or memory card inserted | <ul style="list-style-type: none"> • The  button on the COOL-STATION is not pressed or camera is off. | 64 |
| | <ul style="list-style-type: none"> • AC adapter is not properly connected. | 26 |
| | <ul style="list-style-type: none"> • Camera not correctly connected to the COOL-STATION, USB cable not correctly connected, or card not properly inserted in card reader, card adapter, or card slot. | 63 |
| | <ul style="list-style-type: none"> • Camera is not registered in Device Manager (Windows only). | - |
| | <ul style="list-style-type: none"> • USB item in set-up menu set to "PTP" when camera connected to computer running Windows 2000 Professional, Windows Millennium Edition (Me), Windows 98 Second Edition (SE), or Mac OS 9. <p>See Nikon View Reference Manual (on CD) for further information.</p> | 60 |

| Problem | Possible cause |  |
|---|---|---|
| <p>The power-on lamp on the camera rapidly blinks green when the camera is placed on the COOL-STATION and the  button on the COOL-STATION is pressed</p> | <ul style="list-style-type: none"> • Camera removed from the COOL-STATION, USB cable disconnected or memory card removed while pictures are being transferred to computer. If error appears in computer monitor, click “OK” to exit Nikon View. Turn camera off and replace the camera on the COOL-STATION, reconnect cable or replace memory card, then press the  button on the COOL-STATION and transfer pictures. • USB option set incorrectly. Turn camera off and remove it from the COOL-STATION, then choose new USB setting in camera setup menu and replace camera. If error reoccurs, use Nikon View  button to transfer pictures. • Error occurred when pictures were transferred to computer. Check that camera, COOL-STATION, computer and the EH-61 AC adapter are connected correctly. | <p>60 to 65</p> <p>60 to 62</p> <p>63</p> |

Specifications

■ COOLPIX SQ

| | | |
|--------------------------------|---|--|
| Type | SQ digital camera | |
| Effective pixels | 3.1 million | |
| CCD | 1/2.7" high-density CCD; total pixels: 3.34 million | |
| Image size (pixels) | 2016×1512 (┐ 3M), 1600×1200 (┐ 2M), 1024×768 (┐ PC) 640×480 (┐ TV) | |
| Lens | 3× Zoom Nikkor; f=5.6 – 16.8 mm (35-mm [135] camera-format equivalent: 37 – 111 mm); F2.7 – 4.8; 7 elements in 6 groups | |
| Lens rotation range | Maximum 120° forward or 90° back toward the monitor | |
| Digital zoom | 4.0× | |
| Autofocus (AF) | Contrast-detect through-the-lens (TTL) AF, Multi area autofocus | |
| Focus range | 30 cm (11.8") – ∞ ; 4 cm (1.6") – ∞ at middle zoom position in macro close-up mode | |
| Focus-area selection | Five-area automatic focus-area selection, nine-area manual focus-area selection and Center focus-area selection available | |
| Monitor | 1.5", 117,600-dot, low temperature polysilicon TFT trans-reflective LCD with brightness adjustment, Advanced brightness control LCD | |
| Frame coverage (shooting mode) | Approximately 97% vertical and 97% horizontal | |
| Storage | Media | Type I CompactFlash™ (CF) cards |
| | File system | Compliant with Design rule for Camera File system (DCF), Exif 2.2, and Digital Print Order Format (DPOF) |
| | File formats | Compressed : JPEG-baseline-compliant (FINE-, NORMAL-, and BASIC-quality images) Movies : QuickTime |
| Exposure | Metering | Matrix metering, Center-Weighted metering, Spot metering available |
| | Exposure control | Programmed auto exposure with exposure compensation (-2.0 – +2.0 EV in steps of 1/3 EV) |
| Shutter | Mechanical and charge-coupled electronic shutter | |
| Shutter speed | 2 – 1/2000 s | |

Specifications

| | | |
|------------------------|-----------------|--|
| Aperture | | Electronically-controlled preset aperture |
| Aperture range | | Two steps (f/2.7 and f/5.4 [W]) |
| Sensitivity | | Approximately equivalent to ISO 70 (auto gain) |
| Self-timer | | Ten- or three-second duration |
| Built-in Speedlight | Range (approx.) | W: 0.3* – 5.0 m (1 – 16.4 ft.) T: 0.3* – 3.7 m (1 – 12.1 ft.) * 0.15 m (0.5 ft.) at middle zoom position in macro close-up mode |
| | Flash control | Sensor flash system |
| Interface | | COOL-STATION connector |
| Video output | | Can be selected NTSC and PAL |
| I/O terminals | | <ul style="list-style-type: none"> • DC input • Audio/video (A/V) output connector |
| Power sources | | <ul style="list-style-type: none"> • One rechargeable Nikon EN-EL2 lithium-ion battery (supplied) • EH-61 AC adapter (supplied) |
| Battery life (EN-EL2) | | Approximately 65 minutes Measured at standard temperature [20°C/68°F] with fully-charged battery under standard Nikon test conditions: zoom adjusted with each shot, flash used in approximately one third of shots, image size set to 3M , image quality set to NORMAL. |
| Dimensions (W × H × D) | | 82 × 82 × 25.5 mm (3.2" × 3.2" × 1.0") |
| Weight | | Approximately 180 g (6.3 oz) without battery or memory card |
| Operating Environment | Temperature | 0 – 40°C (32 – 104°F) |
| | Humidity | Less than 85% (no condensation) |

■ COOL-STATION MV-10

| | |
|------------------------|---|
| Compatible camera | Nikon COOLPIX SQ |
| Charging time | Approx. 2 hours |
| Compatible battery | EN-EL2 lithium-ion rechargeable battery |
| I/O terminals | <ul style="list-style-type: none"> • DC input • Data output (USB) |
| Interface | Camera connector Rechargeable Nikon EN-EL2 Lithium-ion battery charging terminal |
| Operating temperature | 0 – 40°C (32 – 104°F) |
| Dimensions (W × H × D) | 89 × 51 × 75 mm (3.5" × 2.0" × 3.0") |
| Weight | Approximately 93 g (3.3 oz) |

■ EH-61 AC adapter

| | |
|------------------------|---|
| Rated input | AC 100 – 240 V, 0.1 – 0.18 A, 50/60 Hz |
| Rated output | DC 4.2 V/1.5 A |
| Operating temperature | 0 – 40°C (32 – 104°F) |
| Dimensions (W × H × D) | 39 × 21 × 77 mm (1.5" × 0.8" × 3.0") |
| Length of cord | 1800 mm (70.9") |
| Weight | Approximately 130 g (4.6 oz), excluding power cable |

The data in the specifications are based on use at standard temperature (20°C) and with the EN-EL2 rechargeable battery fully charged.



Design Rule for Camera File System (DCF)

Your camera conforms to the Design Rule for Camera File System (DCF), a standard widely used in the digital camera industry to ensure compatibility among different makes of camera.



Exif Version 2.2

Your camera supports Exif (Exchangeable Image File Format for Digital Still Cameras) version 2.2, a standard that allows information stored with pictures to be used for optimal color reproduction when images are output on Exif-compliant printers.

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MEMO

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