Nikon

DIGITAL CAMERA

COOLPIX S1100pj

User's Manual

En

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 where all those who use the product will read them.

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 this Nikon product, to prevent possible injury.

WARNINGS

⚠ Turn off in the event of malfunction

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

⚠ Do not disassemble

Touching the internal parts of the camera or AC adapter could result in injury. Repairs should be performed only by qualified technicians. Should the camera or AC adapter break open as the result of a fall or other accident, take the product to a Nikon-authorized service representative for inspection, after unplugging the product and/or removing the battery.

⚠ Do not use the camera or AC adapter 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.

⚠ Handle the camera strap with care

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

⚠ 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.

⚠ **Observe caution when handling the battery**

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

- Before replacing the battery, turn the product off. If you are using the AC adapter (available separately), be sure to unplug the AC adapter from an electrical power outlet.
- Use only a Rechargeable Li-ion Battery EN-EL12 (supplied). Charge the battery by inserting it in a Battery Charger MH-65 (supplied).
- When inserting the battery, do not attempt to insert it upside down or backwards.
- Do not short or disassemble the battery or attempt to remove or break the battery insulation or casing.
- Do not expose the battery to flame or to excessive heat.
- Do not immerse in or expose to water.
- Replace the terminal cover when transporting the battery. Do not transport or store with metal objects such as necklaces or hairpins.
- The battery is prone to leakage when fully discharged. To avoid damage to the product, be sure to remove the battery when no charge remains.
- Discontinue use immediately should you notice any change in the battery, such as discoloration or deformation.

- If liquid from the damaged battery comes in contact with clothing or skin, rinse immediately with plenty of water.

⚠ **Observe the following precautions when handling the battery charger**

- Keep dry. Failure to observe this precaution could result in fire or electric shock.
- Dust on or near the metal parts of the plug should be removed with a dry cloth. Continued use could result in fire.
- Do not handle the power cable or go near the battery charger during lightning storms. Failure to observe this precaution could result in electric shock.
- Do not damage, modify, forcibly tug or bend the power cable, place it under heavy objects, or expose it to heat or flames. Should the insulation be damaged and the wires become exposed, take it to a Nikon-authorized service representative for inspection. Failure to observe these precautions could result in fire or electric shock.
- Do not handle the plug or battery charger with wet hands. Failure to observe this precaution could result in electric shock.
- Do not use with travel converters or adapters designed to convert from one voltage to another or with DC-to-AC inverters. Failure to observe this precaution could damage the product or cause overheating or fire.

⚠ **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.

⚠ **Handle moving parts with care**

Be careful that your fingers or other objects are not pinched by the lens cover or other moving parts.

⚠ **CD-ROMs**

The CD-ROMs supplied with this device 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 using 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 (3 ft. 4 in.) from the subject.

⚠ **Do not operate the flash with the flash window touching a person or object**

Failure to observe this precaution could result in burns or fire.

⚠ **Avoid contact with liquid crystal**

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

⚠ **Turn the power off when using inside an airplane or the hospital**

Turn the power off while inside the airplane during take off or landing. Follow the instructions of the hospital when using while in a hospital. The electromagnetic waves given out by this camera may disrupt the electronic systems of the airplane or the instruments of the hospital.

⚠ **Observe caution when using the projector or movie light**

- Do not look directly into the projector window or project images or shine the movie light in or near human eyes. This could damage the eyes or result in visual impairment.
- Do not project images or shine the movie light towards the driver of a motor vehicle. Doing so may result in an automobile accident.

Notices

Notice for customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

ATTENTION

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Notices for customers in Europe

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

This symbol indicates that this product is to be collected separately.

The following apply only to users in European countries:

- This product is designated for separate collection at an appropriate collection point. Do not dispose of as household waste.
- For more information, contact the retailer or the local authorities in charge of waste management.

This symbol on the battery indicates that the battery is to be collected separately.

The following apply only to users in European countries:

- All batteries, whether marked with this symbol or not, are designated for separate collection at an appropriate collection point. Do not dispose of as household waste.
- For more information, contact the retailer or the local authorities in charge of waste management.

Table of Contents

About This Manual

Thank you for your purchase of a Nikon COOLPIX S1100pj digital camera. This manual was written to help you enjoy taking pictures with your Nikon digital camera. Read this manual thoroughly before use, and keep it where all those who use the product will read it.

Symbols and Conventions

To make it easier to find the information you need, the following symbols and conventions are used:

✔	This icon marks cautions, information that should be read before use, to prevent damage to the camera.	🔍	This icon marks tips, additional information that may be helpful when using the camera.
📝	This icon marks notes, information that should be read before using the camera.	📖	This icon indicates that more information is available elsewhere in this manual.

Notations

- Secure Digital (SD) memory card, SDHC memory card, and SDXC memory card are referred to as "memory card."
- The setting at the time of purchase is referred to as the "default setting."
- The names of menu items displayed in the camera monitor, and the names of buttons or messages displayed on a computer monitor appear in bold.

Screen Samples

In this manual, images are sometimes omitted from monitor display samples so that monitor indicators can be more clearly shown.

Illustrations and Screen Display

Illustrations and text displays shown in this manual may differ from actual display.

📝 Internal Memory and Memory Cards

Pictures taken with this camera can be stored in the camera's internal memory or on removable memory cards. If a memory card is inserted, all new pictures will be stored on the memory card and delete, playback and format operations will apply only to the pictures on the memory card. The memory card must be removed before the internal memory can be formatted or accessed for picture storage, deletion, or viewing.

Information and Precautions

Life-Long Learning

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

- For users in the U.S.A.: *http://www.nikonusa.com/*
- For users in Europe and Africa: *http://www.europe-nikon.com/support/*
- For users in Asia, Oceania, and the Middle East: *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. Visit the site below for contact information:

http://imaging.nikon.com/

Use Only Nikon Brand Electronic Accessories

Nikon COOLPIX cameras are designed to the highest standards and include complex electronic circuitry. Only Nikon brand electronic accessories (including battery chargers, batteries, and AC adapters) certified by Nikon specifically for use with this 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 THE CAMERA AND MAY VOID YOUR NIKON WARRANTY.

The use of third-party rechargeable Li-ion batteries not bearing the Nikon holographic seal could interfere with normal operation of the camera or result in the batteries overheating, igniting, rupturing, or leaking.

Holographic seal: Identifies this device as an authentic Nikon product.

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

Before Taking Important Pictures

Before taking pictures on important occasions (such as at weddings or before taking the camera 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.

About the Manuals

- 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 was 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 Concerning Prohibition of Copying or Reproduction

Note that simply being in possession of material that was digitally copied or reproduced by means of a scanner, digital camera or other device may be punishable by law.

- **Items prohibited by law from being copied or reproduced**

  Do not copy or reproduce paper money, coins, securities, government bonds or local government bonds, even if such copies or reproductions are stamped "Sample." The copying or reproduction of paper money, coins, or securities which are circulated in a foreign country is prohibited. Unless the prior permission of the government was obtained, the copying or reproduction of unused postage stamps or post cards issued by the government is prohibited. The copying or reproduction of stamps issued by the government and of certified documents stipulated by law is prohibited.

- **Cautions on certain copies and reproductions**

  The government has issued cautions on copies or reproductions of securities issued by private companies (shares, bills, checks, gift certificates, etc.), commuter passes or coupon tickets, except when a minimum of necessary copies are to be provided for business use by a company. Also, do not copy or reproduce passports issued by the government, licenses issued by public agencies and private groups, ID cards and tickets, such as passes and meal coupons.

- **Comply with copyright notices**

  The copying or reproduction of copyrighted creative works such as books, music, paintings, woodcut prints, maps, drawings, movies and photographs is governed by national and international copyright laws. Do not use this product for the purpose of making illegal copies or to infringe copyright laws.

Disposing of Data Storage Devices

Please note that deleting images or formatting data storage devices such as memory cards or built-in camera memory does not completely erase the original image data. Deleted files can sometimes be recovered from discarded storage devices using commercially available software, potentially resulting in the malicious use of personal image data. Ensuring the privacy of such data is the user's responsibility.

Before discarding a data storage device or transferring ownership to another person, erase all data using commercial deletion software, or format the device and then completely refill it with images containing no private information (for example, pictures of empty sky). Be sure to also replace any pictures selected for the welcome screen (A 144). Care should be taken to avoid injury or damage to property when physically destroying data storage devices.

Parts of the Camera

The Camera Body

Under the connector cover

Lens cover closed

1	Shutter-release button..............................30
2	Zoom control...29 **W**: wide...29 **T**: tele...29 🔲: thumbnail playback......................80 Q: playback zoom....................................82
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Introduction

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3	Speaker 107, 128
4	● (movie-record) button.............. 9, 123
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14	Projector stand..165
15	Projector stand latch 165
16	Tripod socket

Introduction

Remote Control ML-L5

The supplied remote control can be used for shooting ($\Box$ 48). In projector mode ($\Box$ 163), the remote control can be used to change the projected still pictures and to play back movies.

Before using the remote control for the first time, remove the insulating sheet by pulling it in the direction indicated.
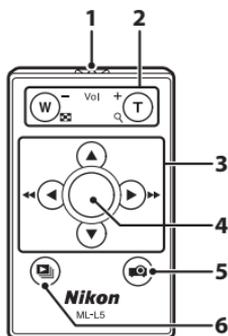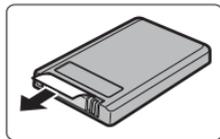
1	Infrared emitter
2	Zoom button (shooting mode) **W**: wide **T**: tele Zoom button (projector mode) □: thumbnail playback Q: playback zoom –: decrease volume +: increase volume
3	▲, ▼, ◀, or ▶ (up, down, left, or right selection) button
4	Apply selection button
5	■○ (projector) button
6	▣ (slide show) button

See the following pages for details of the operation of the remote control.

- Shooting mode: "Taking Pictures with the Remote Control" ($\Box$ 48)
- Projector mode: "Displaying Pictures with the Projector (Projector Mode)" ($\Box$ 163), "▣ Projector Slide Show" ($\Box$ 169)

B **Notes on the Remote Control Battery**

- When changing the remote control battery, be sure that the battery's positive (+) and negative (–) terminals are oriented correctly.
- Be sure to read and follow the warnings for the battery on page iii and the section, "The Battery" ($\Box$ 176).

Replacing the Remote Control Battery

①
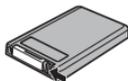
Push the tab in the direction indicated above.

②

While holding the tab in, grasp the edge of the battery holder with your fingernail and pull it straight out.

③
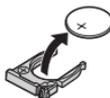
Remove the used 3V CR2025 lithium battery.

④

Place a new 3V CR2025 lithium battery in the battery holder. Be sure that the "+" mark is facing up.

⑤

Insert the battery holder into the remote control.

Attaching the Camera Strap

①

②

③

7
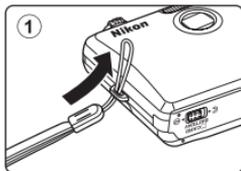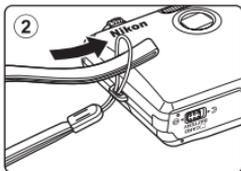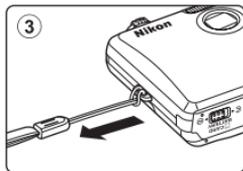
Basic Operations

Shutter-release Button

The camera features a two-stage shutter-release button. To set focus and exposure, press the shutter-release button halfway, stopping when you feel resistance. Focus and exposure lock while the shutter-release button is held in this position. To release the shutter and take a picture, press the shutter-release button the rest of the way down. Do not use force when pressing the shutter-release button, as this may result in camera shake and blurred pictures.

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

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

The 🄰 (Shooting Mode) Button
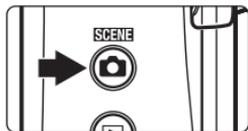
- Press the 🄰 button in playback mode or projector mode to enter shooting mode.
- Press the 🄰 button in shooting mode to display the shooting-mode selection menu and switch shooting modes (□ 49).

The ▶ (Playback) Button
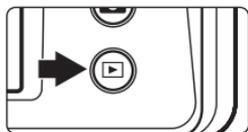
- Press the ▶ button in shooting mode to enter playback mode.
- Press the ▶ button in playback mode or projector mode to display the playback-mode selection menu and switch playback modes (□ 83).
- If the camera is turned off, hold down the ▶ button to turn the camera on in playback mode.

The ● (Movie-record) Button
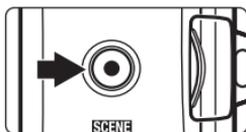
- Press the ● (movie-record) button in shooting mode to start movie recording (□ 123). Press the ● (movie-record) button again to stop movie recording.
- Press the ● (movie-record) button in playback mode to enter shooting mode.

The 📽 (Projector) Button
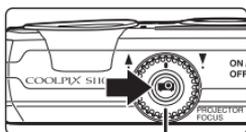
- Press the 📽 button in shooting mode or playback mode to switch to projector mode.
- Press the 📽 button again to end projector mode.

Projector focus dial
(□ 163)

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Operating the Touch Panel

The monitor on the COOLPIX S1100pj is a touch panel display. Use a finger or the supplied stylus to operate the touch panel.

Tapping

Tap the touch panel.

Use this operation to:

Select icons or other controls

Select pictures in thumbnail playback mode ($\square$ 80)

Perform touch shutter ($\square$ 41), touch AF/AE ($\square$ 44), or subject tracking ($\square$ 55) operations

Drag the tab to display the setting controls during shooting or playback ($\square$ 16)
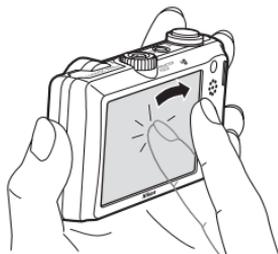
Dragging

Drag your finger across the touch panel and remove it from the touch panel.

Use this operation to:

Scroll through pictures in full-frame playback mode ($\square$ 32)

Move the visible portion of a picture enlarged with playback zoom ($\square$ 82)

Use sliders to adjust exposure compensation ($\square$ 47) or other settings
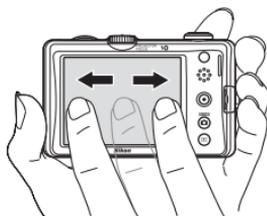
Dragging and Dropping

Place your finger on the touch panel, drag it to the desired location (①), and remove it from the touch panel (②).

Use this operation to:

Apply the rating setting ($\square$ 97)

Select a picture to view with slide show in projector mode ($\square$ 170)
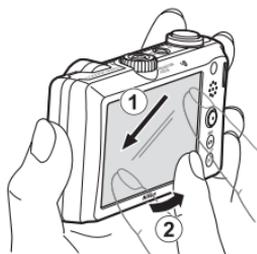
Using the Stylus

Use the stylus for operations, such as when using the paint option ($\square$ 110), that require more precision than using a finger.

Attaching the Stylus

Attach the stylus to the strap as shown.
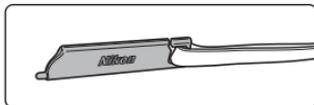
✓ Notes on the Touch Panel

- Do not press on the touch panel with pointed objects other than the supplied stylus.
- Do not apply unnecessary pressure to the touch panel.

✓ Notes on Tapping/Dragging

- The camera may not respond if your finger is left in one place too long.
- The camera may not respond if the followings are made.
  - Bounce your finger off the display
  - Drag your finger over too short a distance
  - Stroke the display too lightly
  - Move your finger too quickly

✓ Notes on the Touch Panel

- Keep the stylus out of reach of small children.
- Do not carry the camera by the stylus. The stylus may slip off the strap and the camera may fall.

Main Display of the Monitor/Touch Panel and Basic Operations

Shooting (Information Display)

Displayed information on the monitor varies depending on the camera settings or status.
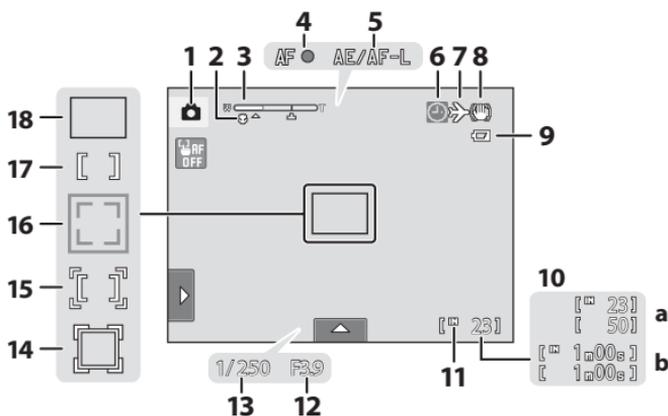
1 Shooting mode[1] 26, 52, 61, 73	**a** Number of exposures remaining
2 Macro mode..54	**10** (still pictures)[2]..26
3 Zoom indicator.......................................29, 54	**b** Movie length... 123
4 Focus indicator 30	**11** Internal memory indicator.....................27
5 AE/AF-L indicator 72	**12** Aperture 30
6 ⊕	**13** Shutter speed 30
"Date not set" indicator...................... 181	**14** Focus area (subject tracking mode) 55
DATE DATE	**15** Focus area (touch AF/AE)........................44
Date imprint indicator 149	**16** Focus area (face detection)............30, 73
7 Travel destination icon 145	**17** Focus area (center)
8	**18** Focus area (auto)..50
Vibration reduction icon................... 150	
9 Battery level indicator................................26	

[1] Indicators displayed vary with current shooting mode.
[2] Indicator is displayed when there are 50 or fewer exposures remaining.

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Shooting (Operation Controls)

Tap the following controls to change settings.

- Tap the tab to display the setting controls and shooting settings can be changed ($\square$ 16).
- The controls available and indicators displayed vary with shooting mode and the current camera settings.
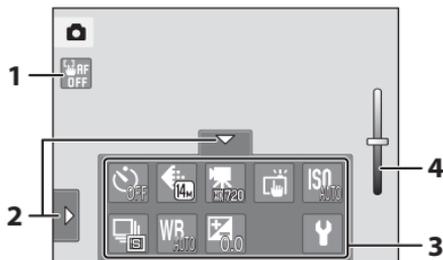
1 Touch AF/AE cancellation.......................44		**3** Setting controls..17	
2 Tab...16		**4** Scene effect adjustment slider............63	

🖉 Monitor Display in Portrait ("Tall") Orientation

When the camera is held in portrait ("tall") orientation, the controls and indicators are also displayed in portrait ("tall") orientation. Controls and indicators may not be appropriately rotated when the camera is pointing up or down.

13
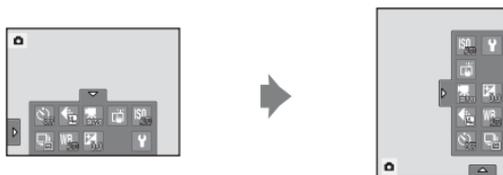
Playback (Information Display)

The following monitor display shows information for the picture currently displayed and camera status.

- The displayed information vary depending on the picture played back and the current camera status.
- Indicators below are displayed when turning on the camera or operating the camera, and turn off after a few seconds elapse ($\square$ 148).
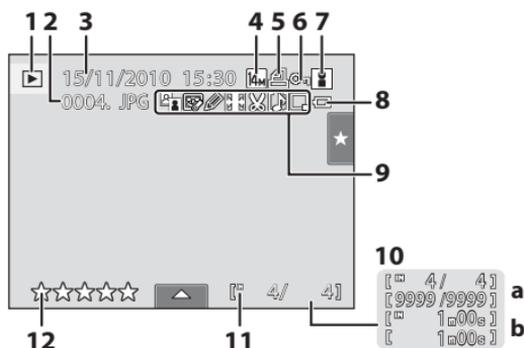
1	Playback mode[1] 32, 84, 91, 94
2	File number and type...........................180
3	Date/time of recording............................22
4	🕮 🕮 🕮 🕮 🕮 🕮 🕮 Image mode[2] ....39 🕮🕮 🕮 🕮 Movie options[2] 125
5	Print-order icon 101
6	Protect icon..99
7	Album icon in favorite pictures mode[3] ....86 Category icon in auto sort mode[3] 91
8	Battery level indicator...............................26

9	📷 Quick retouch icon ....113 🗂 D-Lighting icon..................................114 🖼 Glamour retouch icon ....119 🎨 Filter effects icon................................117 ✏ Paint icon ....110 🔳 Stretch icon..115 📐 Perspective control icon...............116 ✂ Crop icon ....122 🔊 Voice memo icon...............................107 🔲 Small picture icon.............................121
10	**a** Current frame number/ total number of frames.......................32 **b** Movie length...128
11	Internal memory indicator.....................27
12	Rating indicator 97

[1] Indicators displayed vary with current playback mode.

[2] Indicators displayed vary depending on the setting for shooting.

[3] The icon for the selected album or category in auto sort mode currently selected in playback mode is displayed.

Playback (Operation Controls)

Tap the following controls to change settings.

- Tap the tab to display the setting controls and deleting or editing can be available ($\square$ 16).
- The controls available and indicators displayed vary with the picture played back and the current camera settings.
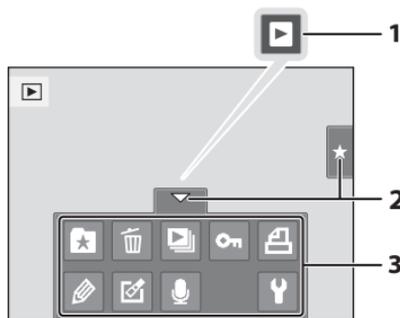
1	Movie playback.. 128	**3**	Setting controls..17
2	Tab.. 16		

�*Picture Display*

When the camera is rotated, the picture and controls displayed are also rotated as indicated below. Pictures and controls may not be appropriately rotated when the camera is pointing up or down.

Introduction

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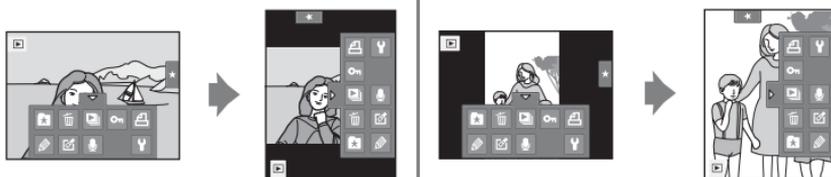
Operating the Tabs

When in shooting or playback mode, use the setting controls to make shooting or playback settings. Display the controls by tapping the tab at the bottom, left and right sides of the monitor.

- **•** Tap the icon of the desired item to display the setting screen for that item.
- **•** Tap **Y** (setup) in the setting controls to make the basic camera settings.
- **•** When **X** or **⊟** is displayed on the setting screen, tap **X** to exit the setting screen. Tap **⊟** to return to the previous screen.
- **•** Tap the tab again to hide the setting controls.
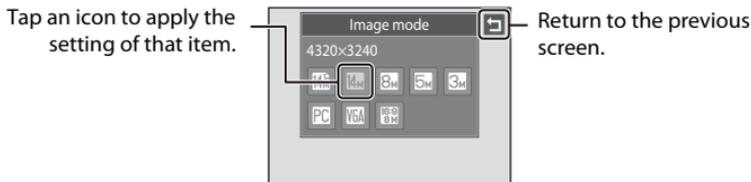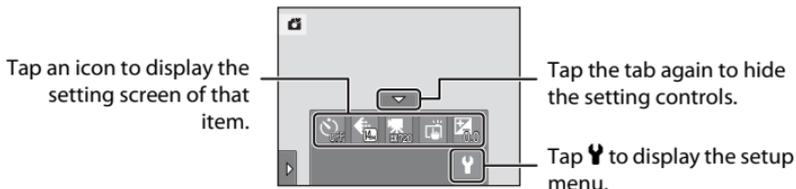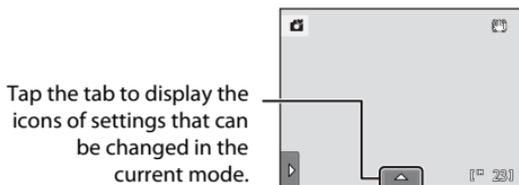
Tap the tab to display the icons of settings that can be changed in the current mode.

Tap an icon to display the setting screen of that item.

Tap the tab again to hide the setting controls.

Tap **Y** to display the setup menu.

Tap an icon to apply the setting of that item.

Image mode

4320×3240

Return to the previous screen.

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Shooting

Shooting settings can be made.

- The available setting items vary depending on the shooting mode ($\Box$ 49).
- Each icon also indicates the current setting.
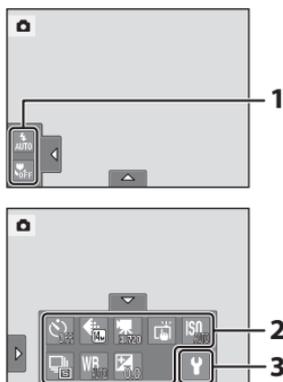
1	$\mathbf{\mathord{\textbf{\textit{4}}}}$ Flash mode 34
	$\mathbf{\maltese}$ Macro mode 54
2	$\circlearrowleft$ Self-timer...37
	$\maltese$ Image mode 39
	$\maltese$ Movie options.....................................125
	Touch shooting
	$\square$ Touch shutter 41
	$\substack{AF\cdot L\\AE\cdot\maltese}$ Touch AF/AE 44
	$\maltese$ Subject tracking 55
	ISO ISO sensitivity 57
	$\square$ Continuous 58
	WB White balance..59
	$\maltese$ Exposure compensation 47
3	$\maltese$ Setup 142

Playback

Pictures can be edited and deleted, and playback settings can be made.

- The available setting items vary depending on the type of picture or playback mode.
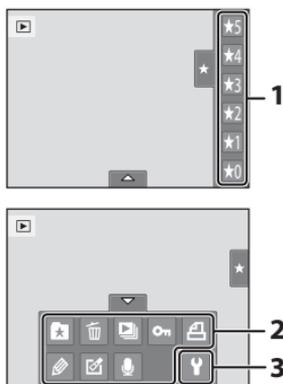
1	Rating...97
	$\maltese$ Add pictures to albums (except in favorite pictures mode) 84
	Remove pictures from albums (in favorite pictures mode) 87
2	$\maltese$ Delete 33
	$\maltese$ Slide show..98
	$\mathbf{O\text{-}\pi}$ Protect 99
	$\maltese$ DPOF print order.............................101
	$\mathscr{Ø}$ Paint 110
	$\maltese$ Retouch... 108
	$\maltese$ Voice memo..106
3	$\maltese$ Setup 142

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Charging the Battery

Charge the Rechargeable Li-ion Battery EN-EL12 (supplied) using the Battery Charger MH-65 (supplied).

1 Connect the power cable in the order indicated below.
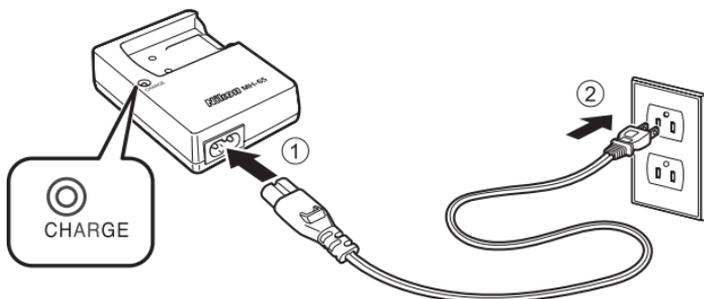
2 Insert the battery into the battery charger by sliding the battery forward (①), and press down until it locks into place (②).

- CHARGE lamp starts blinking when charging begins.
- About 2 hours 30 minutes are required to charge a fully exhausted battery.
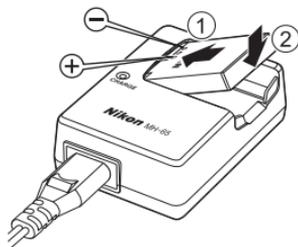
The following chart explains CHARGE lamp status.

CHARGE lamp	Description
Blinks	Battery charging.
On	Battery fully charged.
Flickers	• The battery is not inserted correctly. Remove the battery and reinsert it into the battery charger so that the battery is lying flat. • The ambient temperature is not suited to charging. Charge the battery indoors with an ambient temperature of 5 °C to 35 °C (41 °F to 95 °F) before use. • The battery is faulty. Stop charging immediately, unplug the charger, and take both the battery and charger to your retailer or Nikon-authorized service representative.

3 Remove the battery and unplug the charger when charging is complete.

First Steps

⚠ Notes on the Battery Charger

- The supplied battery charger is for use only with the Rechargeable Li-ion Battery EN-EL12.
- Be sure to read and follow the warnings for the battery charger on page iii before using the battery charger.

⚠ Notes on the Battery

- Be sure to read and follow the warnings for the battery on page iii and the section, "The Battery" (□ 176), before using the battery.
- If the battery is not used for an extended period, recharge it at least once every six months and completely exhaust it before returning it to storage.

✐ Note on AC Power Supply

- If the AC Adapter EH-62F (available separately; □ 178) is used, power is supplied to the camera from an electrical outlet and taking pictures and playing back pictures are available with this camera.
- Do not, under any circumstances, use another make or model of AC adapter other than EH-62F. Failure to observe this precaution could result in overheating or in damage to the camera.

Inserting the Battery

Insert a Rechargeable Li-ion Battery EN-EL12 (supplied) into the camera.

- Charge the battery before the first use or when the battery is running low (□ 18).

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

Slide the cover latch to the ◄ side (①) and open the cover(②).
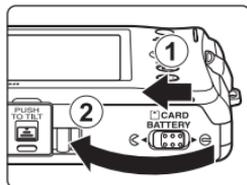
2 Insert the battery.

Confirm that the battery's positive (+) and negative (–) terminals are oriented correctly as shown on the label at the battery chamber opening, and insert the battery.

Use the battery to push up the orange battery latch in the direction indicated by the arrow (①) and fully insert the battery (②).

When the battery is fully inserted, the battery latch will lock it in place.
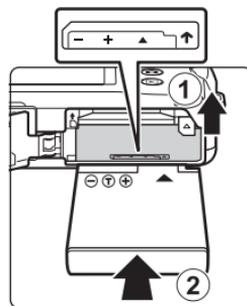
B Inserting the Battery

Inserting the battery upside down or backwards could damage the camera. Be sure to check that the battery is in the correct orientation.

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

Close the cover (①), and slide the cover latch (②) to the ►⊖ side.

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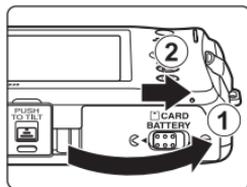
Removing the Battery

Turn the camera off and be sure that the power-on lamp and the monitor have turned off before opening the battery-chamber/memory card slot cover.

To eject the battery, open the battery-chamber/ memory card slot cover and slide the orange battery latch in the direction indicated by the arrow (①). The battery can then be removed by hand (②).
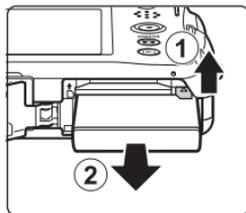
- Note that the camera, battery, and memory card may become hot during use; observe due caution when removing the battery and memory card.

Turning On and Off the Camera

To turn on the camera, press the power switch. The power-on lamp (green) will light for a moment and the monitor will turn on.

To turn off the camera, press the power switch again.

When the camera is turned off, both the power-on lamp and monitor will turn off.
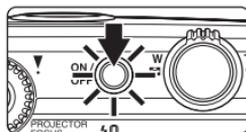
- If the camera is turned off, hold down the ▶ button to turn the camera on in playback mode (□ 32).

🖉 Power Saving Function (Auto Off)

If no operations are performed for a while, the monitor will turn off, the camera will enter standby mode, and the power-on lamp will blink. If no operations are performed for another three minutes, the camera will turn off automatically.

To reactivate the monitor while the power on lamp is blinking, press any of the following buttons:
- Power switch, shutter-release button, ▲ button, ▶ button or ● (movie-record) button
- Camera enters standby mode in about a minute (default setting) during shooting or playback mode. The time allowed to elapse before the camera enters standby mode can be changed from the **Auto off** option (□ 153) in the setup menu (□ 142).
- In projector mode (□ 163), the camera enters standby mode in about five minutes (default setting). The time allowed to elapse before the camera enters standby mode can be changed from the **Auto off** option (□ 173) in the projector settings menu (□ 172).

First Steps

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Setting Display Language, Date and Time

A language-selection dialog is displayed the first time the camera is turned on.

1 Press the power switch to turn on the camera.

The power-on lamp (green) will light for a moment and the monitor will turn on.

PROJECTOR FOCUS
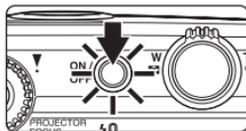
2 Tap the desired language.

If the desired language is not displayed, tap ▲ or ▼ to view other language options.

For more information about operating the touch panel, see "Operating the Touch Panel" (□ 10).

Language	X
Čeština	Dansk
Deutsch	English
Español	Ελληνικά
Français	Indonesia

3 Tap **Yes**.

If **No** is tapped, the date and time will not be set.

Date

Set time and date?

Yes   No

4 Tap ◄ or ► to select your home time zone (□ 147) and tap **OK**.

Tap ⏎ to return to the previous screen.

Home time zone

London
Casablanca

Daylight Saving Time

If daylight saving time is in effect, tap 🕓 in the time zone selection screen displayed in step 4 to turn on the daylight saving time option.

When the daylight saving time option is enabled, 🕓 is displayed at the top of the monitor. To turn off the daylight saving time option, tap 🕓 again.

Home time zone

London
Casablanca

First Steps (vertical side text)

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5 Tap the order in which the day, month, and year are displayed.

Date
YMD MDY DMY
▲
01 01 2010 00 : 00
▼
OK

6 Edit the date and time.

Tap the desired item and ▲ or ▼ to edit the highlighted item.

Date
YMD MDY DMY
▲
01 01 2010 00 : 00
▼
OK

7 Tap OK.

The clock is activated and the camera enters shooting mode.

Date
YMD MDY DMY
▲
15 11 2010 14 : 30
▼
OK

First Steps

🖉 Imprinting and Changing the Date and Time

- To imprint the date on pictures when shooting, enable date imprint from the **Date imprint** option (🔲 149) in the setup menu (🔲 142) after the date and time have been set.
- To change the date and time of the camera clock, select **Date** from the **Date** item (🔲 145) in the setup menu (🔲 142) and follow the procedure described from step 5.
- Select **Time zone** from the **Date** item (🔲 145) in the setup menu to change the time zone and daylight saving time settings.

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Inserting Memory Cards

Image, sound, and movie files are stored in the camera's internal memory (approximately 79 MB) or on removable Secure Digital (SD) memory cards (available commercially; $\square$ 179).

If a memory card is inserted in the camera, data are automatically stored on the memory card and data recorded to the memory card can be played back, deleted or transferred. Remove the memory card to store data in the internal memory, or play back, delete or transfer data from the internal memory.

1 Be sure that the power-on lamp and the monitor are off and open the battery-chamber/memory card slot cover.

Be sure to turn off the camera before opening the battery-chamber/memory card slot cover.
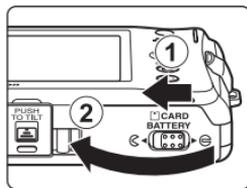
2 Insert the memory card.

Slide the memory card in correctly until it clicks into place.

Close the battery-chamber/memory card slot cover.
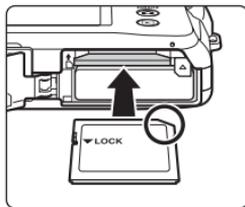
⚠ **Inserting Memory Cards**
Inserting the memory card upside down or backwards could damage the camera or the memory card. Be sure to check that the memory card is in the correct orientation.
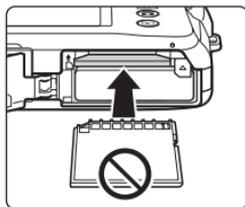
Removing Memory Cards

Before removing memory cards, turn the camera off and confirm that the power-on lamp and monitor are off. Open the battery-chamber/memory card slot cover and press the card in (①) to partially eject the card. The card can then be removed by hand. Do not attempt to remove the card at an angle (②).

• Note that the camera, battery, and memory card may become hot during use; observe due caution when removing the battery and memory card.
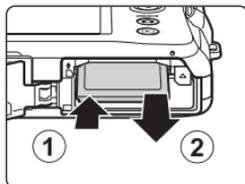
⚠ **Formatting Memory Cards**

If the message at right is displayed when the camera is turned on, the memory card must be formatted before use (□ 154). Note that **formatting permanently deletes all pictures and other data on the memory card**. Be sure to make copies of any pictures you wish to keep before formatting the memory card.

Tap **Yes** to format. When the confirmation dialog is displayed, tap **Yes**. To start formatting, tap **OK**.

- Do not turn the camera off or open the battery-chamber/memory card slot cover until formatting is complete.
- Be sure to use this camera to format memory cards previously used in other devices the first time they are inserted into the COOLPIX S1100pj (□ 154).
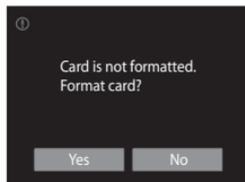
⚠ **The Write Protect Switch**

Memory cards are equipped with a write protect switch. When this switch is in the "lock" position, data cannot be written to, or deleted from, the memory card. If the switch is in the "lock" position, unlock it by sliding the switch to the "write" position to record or delete pictures, or to format the memory card.

Write protect switch
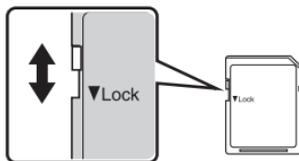
⚠ **Memory Cards**

- Use only Secure Digital memory cards.
- Do not perform the following during formatting, while data is being written to or deleted from the memory card, or during data transfer to a computer. Failure to observe this precaution could result in the loss of data or in damage to the camera or memory card:
  - Take out the battery or memory card
  - Turn off the camera
  - Disconnect the AC adapter
- Do not format the memory card using a computer.
- Do not disassemble or modify.
- Do not drop, bend, or expose to water or strong physical shock.
- Do not touch the metal terminals with your fingers or metal objects.
- Do not affix labels or stickers to the memory card.
- Do not leave in direct sunlight, closed vehicles or areas exposed to high temperatures.
- Do not expose to humidity, dust, or corrosive gases.

First Steps

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Step 1 Turn the Camera On and Select ☀ (Easy Auto) Mode

In ☀ (easy auto) mode, the camera automatically selects the optimum shooting mode by framing a picture, allowing you to easily take pictures using a shooting mode that suits the scene (□ 50).

1 Press the power switch to turn on the camera.

The power-on lamp (green) will light for a moment and the monitor will turn on.

☀ (easy auto) mode is initially activated at the time of purchase. Proceed to step 4.
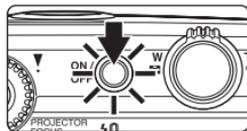
2 Press the ☀ button to display the shooting-mode selection menu.
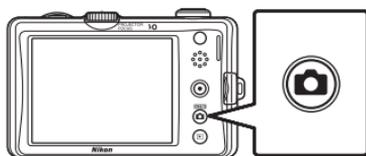
3 Tap ☀ in the monitor.

The camera enters ☀ (easy auto) mode.

☀	Shooting mode
Easy auto mode	
☀ ☀ 🖾 ☺	
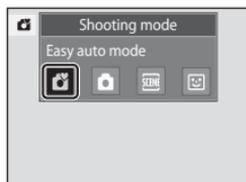
4 Check the battery level indicator and the number of exposures remaining.

Battery level indicator

Number of exposures remaining

Battery level indicator	Description
NO INDICATOR	Battery fully charged.
☐	Battery low. Prepare to charge or replace the battery.
❶ Battery exhausted.	Cannot take pictures. Recharge or replace with a fully charged battery.

Number of Exposures Remaining

Indicator is displayed when there are 50 or fewer exposures remaining.
The number of pictures that can be stored depends on the capacity of the internal memory or memory card and image mode setting (□ 40).

Indicators Displayed in ☺ (Easy Auto) Mode

Shooting mode
In easy auto mode, ☺, 🏃, 🏔, 🏙, 📷, 🏔, or 🌼 is displayed to indicate the shooting mode selected by the camera for the current subject and framing.

Vibration reduction indicator
The effects of camera shake are reduced.

Internal memory indicator
Indicates that images will be stored in the camera's internal memory (approximately 79 MB).
When a memory card is inserted in the camera, **IN** does not appear and images will be stored on the memory card.

To reactivate the monitor after it is turned off by the power saving function in standby mode (□ 153), press any of the following buttons:

- Power switch, shutter-release button, ◘ button or ● (movie-record) button

⚠ **Note on Touch Shutter**

At the default setting, the shutter can be released by simply tapping a subject in the monitor (□ 41). Take care that you do not release the shutter accidently.

◉ **Functions Available in ☺ (Easy Auto) Mode**

- When the camera is pointed at a human face, the face detection function, with which the camera automatically detects that face and focus on it, activates (□ 30, 50).
- Shooting settings (□ 34) can be changed by tapping the left or bottom tab to display the setting controls.

◉ **Vibration Reduction**

- See **Vibration reduction** (□ 150) in the setup menu (□ 142) for more information.
- Set **Vibration reduction** to **Off** when using a tripod to stabilize the camera during shooting.

Step 2 Frame a Picture

1 Ready the camera.

Hold the camera steadily in both hands, keeping your fingers and other objects away from the lens, flash, AF-assist illuminator, and built-in microphone.
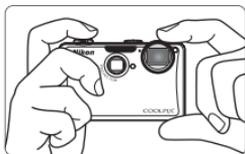
When taking pictures in portrait ("tall") orientation, turn the camera so that the built-in flash is above the lens.
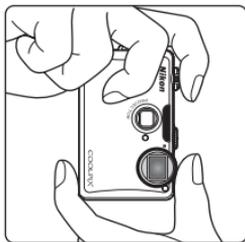
2 Frame the picture.

When the camera automatically selects the optimum scene mode, the shooting mode indicator will be changed (🔲 50).

A face detected by the camera will be framed by a yellow double border (focus area).
Up to 12 faces can be detected. If more than one face is detected, the face closest to the camera will be framed by a double border, and the others by a single border.

Shooting mode indicator

When taking pictures of subjects other than people, or framing a subject with which no face is detected, a focus area will not be displayed. Frame the picture so that the intended subject is at or near the center of the frame.

⚠ Notes on 🇨 (Easy Auto) Mode

- The desired scene mode may not be selected in certain condition. In this case, select another shooting mode.
- When digital zoom is in effect, shooting mode is 🇨.

Using the Zoom

Rotate the zoom control to **T** or **W** to activate optical zoom.

- To zoom in so that the subject fills a larger area of the frame, rotate to **T**.
- To zoom out so that the area visible in the frame increases, rotate to **W**.
- The zoom position is set at the maximum wide-angle position when the camera is turned on.
- A zoom indicator is displayed in the monitor during zooming.
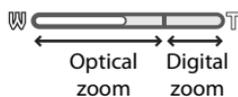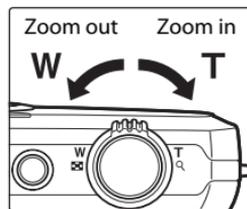
Digital Zoom

When the camera is zoomed in to the maximum optical zoom position, rotating and holding the zoom control at **T** triggers digital zoom. The subject is magnified up to 4× the maximum optical zoom ratio.

The camera focuses at the center of the frame and the focus area is not displayed when digital zoom is in effect.

Maximum optical zoom

Digital zoom enabled
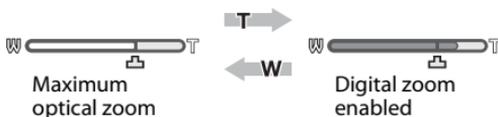
🖉 Digital Zoom and Interpolation

Unlike optical zoom, digital zoom uses a digital imaging process known as interpolation to magnify images, resulting in slight deterioration of picture quality according to the image mode ($\square$ 39) and digital zoom magnification.

Interpolation is applied at zoom positions beyond 📐 when taking still pictures. When zoom is increased beyond the 📐 position, interpolation is initiated and the zoom indicator turns yellow to indicate that interpolation is being applied. The position of 📐 moves to the right as image size decreases, allowing for confirmation of the zoom positions at which shooting without interpolation is possible at the current image mode setting.

Small image size

- Digital zoom can be disabled from the **Digital zoom** option ($\square$ 152) in the setup menu ($\square$ 142).

Basic Photography and Playback: 🗖 (Easy Auto) Mode

Step 3 Focus and Shoot

1 Press the shutter-release button halfway.

Focus is locked when the shutter-release button is pressed halfway ($\Box$ 8).

When a face is detected, it is framed by the double border indicating the active focus area. When the subject is in focus, the double border turns green.

Aperture

Shutter speed
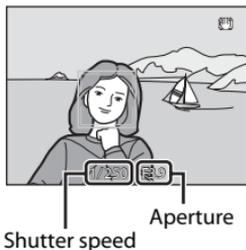
The camera automatically selects the focus area (up to nine areas) suitable to the shooting scene. When the subject is in focus, the focus area ($\Box$ 12, 50) that is selected is displayed in green.

When digital zoom is used, the focus area is not displayed and the camera focuses at the center of the frame. Once focus has been acquired, the focus indicator will glow green.

Focus indicator

When the shutter-release button is pressed halfway, the shutter speed and aperture value are also displayed.

Focus and exposure remain locked while the shutter-release button is pressed halfway.

When the camera detects subject movement or camera shake and increases shutter speed, the shutter speed indicator will turn green (motion detection; $\Box$ 51).

If the focus area or the focus indicator blinks red when the shutter-release button is pressed halfway, the camera is unable to focus. Modify the composition and press the shutter-release button halfway again.
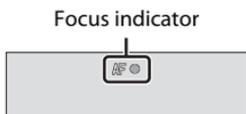
2 Press the shutter-release button the rest of the way down.

The shutter is released and the picture will be recorded to the memory card or internal memory.

❎ During Recording

While pictures are being recorded, the number of exposures remaining will blink. ***Do not open the battery-chamber/memory card slot cover*** while pictures are being recorded. Cutting power or removing the memory card in these circumstances could result in loss of data or in damage to the camera or card.

❎ Autofocus

Autofocus may not perform as expected in the following situations. In some rare cases, the subject may not be in focus despite the fact that the focus area or the focus indicator glows green.

- Subject is very dark
- Objects of sharply differing brightness are included in the scene (e.g. the sun behind the subject makes that subject appear very dark)
- No contrast between the subject and surroundings (e.g. a portrait subject, wearing a white shirt, is standing in front of a white wall)
- Several objects are at different distances from the camera (e.g. the subject is inside a cage)
- Regular geometric patterns (e.g. window blind or windows in a skyscraper)
- Subject is moving rapidly

In the situations noted above, try pressing the shutter-release button halfway to refocus several times, or focus on another subject ($\Box$ 46). When focusing on another subject, be sure that the alternate subject is at the same distance from the camera as the intended subject while the shutter-release button is pressed halfway.

❎ Note on Face Detection

See "Notes on the Face Detection Function" ($\Box$ 50) for more information.

🖊 Touch Shutter

At the default setting, the shutter can be released by simply tapping a subject in the monitor ($\Box$ 41) without pressing the shutter-release button. The **Touch shutter** option can be changed to the **Touch AF/AE** option, which allows the camera to set the focus and exposure on the subject that is tapped on the monitor. When using the **Touch AF/AE** option, the picture is taken by pressing the shutter-release button ($\Box$ 44).

🖊 Blink Warning Screen

When a picture is taken with the face detection function and the camera detects that a portrait subject may have blinked while 💽 **Blink warning** set to **On**, the blink warning screen ($\Box$ 157) is displayed in the monitor.

🔍 AF-assist Illuminator and Flash

If the subject is poorly lit, the AF-assist illuminator ($\Box$ 151) may light when the shutter-release button is pressed halfway, or the flash ($\Box$ 34) may fire when the shutter-release button is pressed all the way down.

Step 4 Playing Back and Deleting Pictures

Playing Back Pictures (Playback Mode)

Press the ▶ (playback) button.

● (movie-record) button
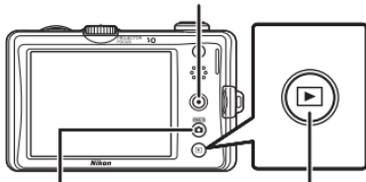
○ (shooting mode) button   ▶ (playback) button   Internal memory indicator

The last picture taken will be displayed in full-frame playback mode.

Drag the current picture left or right to display the previous or subsequent picture.

Display the previous picture   Display the subsequent picture
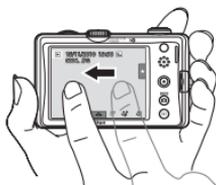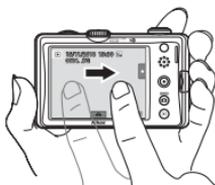
Pictures may be displayed briefly at low resolution while being read from the memory card or internal memory.

Press the ○ button, ● (movie-record) button, or shutter-release button to switch to shooting mode.

When playing back pictures stored in the camera's internal memory, **IN** is displayed. When a memory card is inserted in the camera, **IN** is not displayed and images stored on the memory card are played back.

C **Operations Available in Playback Mode**

See "More on Playback" (□ 79) or "Editing Pictures" (□ 108) for more information.

C **Pressing the ▶ Button to Turn On the Camera**

When the camera is off, holding down the ▶ button will turn the camera on in playback mode.

C **Viewing Pictures**

- Rotate the zoom control to **W** (🔁) to view pictures in a list (thumbnail display; □ 80).
- Pictures taken in portrait ("tall") orientation are automatically rotated for display (□ 15). The orientation can be changed in **Rotate image** (□ 105).
  When the camera is rotated, the picture is also rotated accordingly (□ 15).
- To reactivate the monitor after it is turned off in standby mode (□ 153), press any of the following buttons:
  - The power switch, shutter-release button, or ▶ button

Deleting Unwanted Pictures

1 Play back a picture to be deleted, tap the bottom tab to display the setting controls (□ 16), and tap 🗑.

2 Tap the desired delete option.

Current image: Delete the currently displayed full-frame picture or movie (□ 128).

Erase selected images: Select multiple pictures and delete them. See "Operating the Erase Selected Images Screen" for more information.

All images: Delete all pictures.

Select either **Erase selected images** or **All images** when performing step 1 in thumbnail playback mode (□ 80).
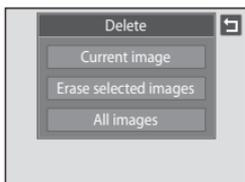
3 Tap **Yes** on the delete confirmation dialog.

Deleted pictures cannot be recovered.

To exit without deleting the picture, tap ⏎ or **No**.
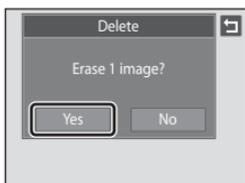
Operating the Erase Selected Images Screen

1 Tap a picture to display ❤.

To deselect the picture, tap the picture again and ❤ will be hidden.

Tap 🔍 or rotate the zoom control to **T** (Q) to display the picture in full-frame playback mode and tap 🔍 or rotate the zoom control to **W** (🔳) to display pictures in thumbnail playback mode.

2 Display ❤ to all pictures to delete and tap 🅾🅺 to apply the selection.

The confirmation screen is displayed. Follow the onscreen instructions for more operations.

⚠ Notes on Deletion

- Once deleted, pictures cannot be recovered. Transfer important pictures to a computer before deleting them.
- Protected pictures cannot be deleted (□ 99).

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Basic Photography and Playback: 🟥 (Easy Auto) Mode

Using the Basic Shooting Functions

In <img> (easy auto) mode, following settings can be made. Each icon indicates the current setting.

1 2 3 4 5 6

Still pictures can be taken by the remote control (□ 48).

🔆 Flash Mode

Flash mode can be selected to suit the shooting conditions.

- When **ISO sensitivity** is set to **Auto**, the flash has a range of 0.3-3.5 m (1 ft.-11 ft.) at the maximum wide-angle zoom position and a range of 0.5-2.5 m (1 ft. 8 in.-8 ft. 2 in.) at the maximum telephoto zoom position.
- Note that in <img> (easy auto) mode (□ 26), only ₄ᵤₜₒ **Auto** (default setting) and ⓧ **Off** are available. When ₄ᵤₜₒ **Auto** is selected, the camera sets the flash mode according to the automatically selected scene mode.
- In 🔲 (auto) mode (□ 52), some scene modes (□ 61), or smart portrait mode (□ 73), the following flash modes are available.

₄ᵤₜₒ Auto

 Flash fires automatically when lighting is poor.

🔆⊚ Auto with red-eye reduction

 Reduce "red-eye" in portraits (□ 36).

ⓧ Off

 Flash will not fire even when lighting is poor.

🔆 Fill flash

 Flash fires whenever a picture is taken. Use to "fill-in" (illuminate) shadows and backlit subjects.

🔆⊟ Slow sync

 ₄ᵤₜₒ (auto) is combined with slow shutter speed.
 Suited to evening and night portraits that include background scenery.
 Flash illuminates main subject; slow shutter speeds are used to capture background at night or under dim lighting.

Setting the Flash Mode

1 Tap the left tab to display the setting controls (□ 16) and tap the flash mode icon.

2 Tap the desired flash mode icon.

Tap ⤴ to return to the previous screen.

To hide the setting controls after applying the setting, tap the tab again.
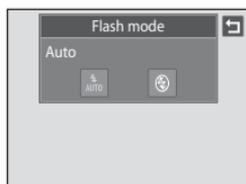
⚠ Shooting When the Flash is Disabled (⚡) or Lighting is Dim

- Use of a tripod is recommended. Set **Vibration reduction** (□ 150) to **Off** in the setup menu (□ 142) when using a tripod to stabilize the camera during shooting.
- The noise reduction function may be activated with some shooting conditions such as dim lighting. More time than usual is required to record pictures to which noise reduction is applied.

⚠ Note on Using the Flash

When using the flash, reflections from dust particles in the air may appear as bright spots in pictures. To reduce these reflections, set the flash to ⚡ (off).

✐ The Flash Lamp

The flash lamp indicates flash status when the shutter-release button is pressed halfway.

- On: Flash will fire when picture is taken.
- Blinks: Flash charging. Wait a few seconds and try again.
- Off: Flash will not fire when picture is taken.

If the battery is low, the monitor display will turn off, and remain off, until the flash is fully charged.
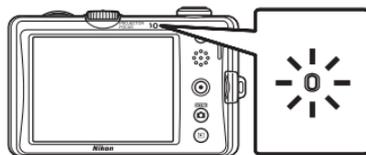
D **The Flash Mode Setting**

The default flash mode setting varies with shooting mode.

- ■ (easy auto) mode: $\overset{\bullet}{\text{AUTO}}$ (auto)
- ● (auto) mode: $\overset{\bullet}{\text{AUTO}}$ (auto)
- Scene: varies with the selected scene mode (□ 62)
- ☺ (smart portrait): fixed at $\overset{\bullet}{\text{AUTO}}$ (auto) when **Off** is selected for **Blink proof**; ⊛ (off) when **On** is selected for **Blink proof** (□ 76)

There are functions with which the flash cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (□ 77) for more information.

The flash mode setting applied in ● (auto) mode is stored in the camera's memory even after the camera is turned off.

D **Red-eye Reduction**

This camera uses advanced red-eye reduction ("In-Camera Red-Eye Fix").

To reduce red-eye, a series of low-intensity pre-flashes fire before the main flash. In addition, if the camera detects red-eye when a picture is taken, the affected area is processed to reduce red-eye before the picture is saved.

Note the following when shooting:

- Due to the pre-flashes, there is a longer than usual interval between the time the shutter-release button is pressed and the time the shutter is released.
- More time than usual is required to record pictures.
- Red-eye reduction may not produce the desired results in some situations.
- In extremely rare instances, areas not subject to red-eye may be affected by red-eye reduction processing; in these cases, choose another flash mode and try again.

n **Taking Pictures with the Self-timer**

The camera is equipped with a ten-second and two-second timer for self-portraits. This feature is useful for reducing the effects of camera shake that occurs when pressing the shutter-release button. When using the self-timer, use of a tripod is recommended. Set **Vibration reduction** (A 150) to **Off** in the setup menu (A 142) when using a tripod to stabilize the camera during shooting.

1 Tap the bottom tab to display the setting controls (A 16) and tap the self-timer icon.
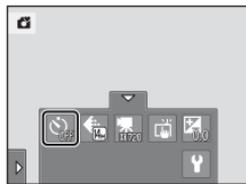
2 Tap **10s** or **2s**.

10s (ten seconds): Use on important occasions, such as weddings

2s (two seconds): Use to prevent camera shake

The mode selected for self-timer is displayed.

Tap n to return to the previous screen.

To hide the setting controls after applying the setting, tap the tab again.
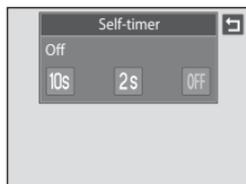
3 Frame the picture and press the shutter-release button halfway.

Focus and exposure will be set.

Basic Photography and Playback: G (Easy Auto) Mode

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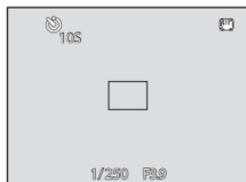
4 Press the shutter-release button the rest of the way down.

The self-timer starts, and the number of seconds remaining before the shutter is released is displayed in the monitor. The self-timer lamp blinks while the timer is counting down. About one second before the shutter is released, the lamp stops blinking and glows steadily.

When the shutter is released, the self-timer will be set to **Off**.

To stop the timer before a picture is taken, press the shutter-release button again.
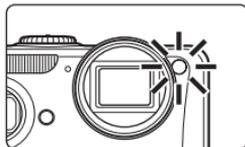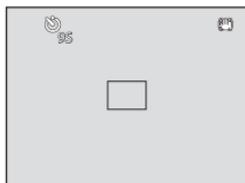
⚠ **Note on Self-timer**

There are functions with which this setting cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (□ 77) for more information.

❖ Image Mode (Image Quality/Image Size)

Image mode refers to the combination of image size and image quality (compression) at which pictures are recorded. Choose the image mode best suited to the manner in which pictures will be used and the capacity of the internal memory or memory card. The higher the image mode setting, the larger the size at which it can be printed or displayed without appearing noticeably "grainy," but limiting the number of pictures that can be recorded.

Option	Size (pixels)	Description
🖾 4320×3240★	4320 × 3240	Higher quality than 🖾 suitable for enlargements or high-quality prints. The compression ratio is approximately 1:4.
🖾 4320×3240 (default setting)	4320 × 3240	Best choice in most situations. The compression ratio is approximately 1:8.
🎗 3264×2448	3264 × 2448	
🎗 2592×1944	2592 × 1944	
🎗 2048×1536	2048 × 1536	Smaller size than 🖾, 🎗, or 🎗 allows more pictures to be stored. The compression ratio is approximately 1:8.
🎗 1024×768	1024 × 768	Suited to display on a computer monitor. The compression ratio is approximately 1:8.
🎗 640×480	640 × 480	Suited to full-screen display on a television with an aspect ratio of 4:3, or distribution by e-mail. The compression ratio is approximately 1:8.
🎗 3968×2232	3968 × 2232	Pictures with an aspect ratio of 16:9 are recorded. The compression ratio is approximately 1:8.

1 Tap the bottom tab to display the setting controls (🔲 16) and tap the image mode icon.
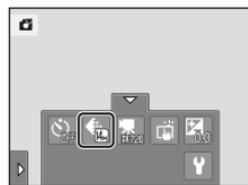
2 Tap the desired image mode icon.

Tap 🔄 to return to the previous screen.

To hide the setting controls after applying the setting, tap the tab again.

Image mode
4320×3240

Basic Photography and Playback: ▮ (Easy Auto) Mode

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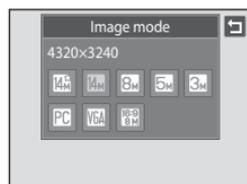
🖉 **Image Mode**

- The setting can also be changed in shooting modes other than 🎦 (easy auto) mode.
- Change made to this setting applies to all shooting modes.
- There are functions with which this setting cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (🔲 77) for more information.

🖉 **Number of Exposures Remaining**

The following table lists the approximate number of pictures that can be stored in internal memory and on a 4 GB memory card. Note that the number of pictures that can be stored will differ depending on the composition of the picture (due to JPEG compression). In addition, this number may vary depending on the make of memory card, even when the memory cards have the same specified capacity.

Setting	Internal memory (approx. 79 MB)	Memory card (4 GB)	Print size* (cm/in.)
🖼 4320×3240★	11	550	36 × 27/14 × 10.5
🖼 4320×3240	23	1100	36 × 27/14 × 10.5
🖼 3264×2448	40	1910	28 × 21/11 × 8
🖼 2592×1944	62	2940	22 × 16/8.5 × 6.5
🖼 2048×1536	97	4640	17 × 13/7 × 5
🖼 1024×768	316	15000	9 × 7/3.5 × 2.5
🖼 640×480	563	24100	5 × 4/2 × 1.5
🖼 3968×2232	36	1720	34 × 19/13 × 7.5

* Print size at an output resolution of 300 dpi. Print sizes are calculated by dividing the number of pixels by printer resolution (dpi) and multiplying by 2.54 cm (1 in.). However, at the same image size, pictures printed at higher resolutions will print smaller than the size indicated, and those printed at lower resolutions will print larger than the size indicated.

- The number of exposures remaining is displayed on the shooting screen when 50 or fewer remain (🔲 26).
- If there are 10,000 or more pictures saved in the camera, "9999" is displayed on the playback screen as the current frame number or total number of frames.

r Tapping the Monitor to Release the Shutter (Touch Shutter)

Pictures can be taken by simply tapping the monitor.

- **Touch shutter** is set by default. Proceed to step 3.

1 Tap the bottom tab to display the setting controls (□ 16) and tap the touch shooting icon.
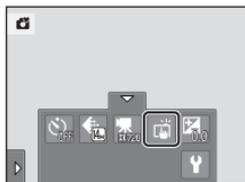
2 Tap r (touch shutter).

Tap ⊟ to return to the previous screen.

To hide the setting controls after applying the setting, tap the tab again.

Touch shooting

Touch shutter

3 Tap the desired subject to take a picture.

When a face is detected in F (easy auto) mode, it is framed by a border. Tap a detected face to set the focus and exposure on that face.
When no face is detected, the camera focuses on the area that is tapped.

Do not use force when tapping the monitor as this may cause slight movement of the camera, resulting in blurred pictures.

When digital zoom is in effect, the camera focuses on the subject in the center of the frame.

The shutter-release button can also be used when the touch shutter option is selected.

If ⌞ ⌟ is displayed when the monitor is tapped, the shutter cannot be released. Tap an area within ⌞ ⌟ or a border displayed when the camera detects a face.

Basic Photography and Playback: F (Easy Auto) Mode

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B **Notes on Touch Shutter**

- When taking pictures with **Continuous** or **BSS** in **Continuous** setting (A 58) enabled, or in **Sports** or **Museum** scene mode (A 61), use the shutter-release button to take pictures. Only one picture can be taken at a time using the touch shutter function.

- Prevent shooting with accidental tapping of the monitor in D (easy auto) mode, A (auto) mode and some scene modes by changing the touch shooting setting to **Touch AF/AE** (A 44). At this setting, the shutter is not released when the monitor is tapped.

- When shooting subjects with which autofocus may not perform as expected, the subject may not be in focus (A 31).

- When a subject displayed in the monitor is tapped with the self-timer (A 37) enabled, the camera locks focus and releases the shutter after ten or two seconds.

- There are functions with which this setting cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (A 77) for more information.

🖉 **Shooting Modes That Support Touch Shutter**

The touch shutter can be used in 🆔 (easy auto) mode and other shooting modes. Touch shutter operation differs according to the current shooting mode as follows.

Shooting mode	Touch shutter operation
🆔 (easy auto) mode (□ 26)	• When a face is detected by the camera, it is framed by a border. Tap a detected face to set the focus and exposure on that face. • When no face is detected, the camera focuses at the area tapped.
🅾 (auto) mode (□ 52), **Sports**, **Party/indoor**, **Beach**, **Snow**, **Close-up**, **Food**, **Museum**, **Copy**, and **Backlighting** scene modes (□ 61)	Tap the intended subject. Focus and exposure are set for the area tapped. When the camera detects more than one face, tap a face framed by a single border to set focus and exposure for that face.
Portrait and **Night portrait** scene modes (□ 61)	Only a border displayed by the face detection function can be selected. When the camera detects more than one face, tap a face framed by a single border to set focus and exposure for that face.
Landscape, **Sunset**, **Dusk/dawn**, **Night landscape**, **Fireworks show**, and **Panorama assist** scene modes (□ 61)	Focus and exposure are set for the same focus area used when pictures are taken by pressing the shutter-release button. See "Selecting a Scene Mode to Take Pictures (Features)" (□ 64) for more information.
Smart portrait mode (□ 73)	Touch shutter cannot be enabled.

🖉 **Touch Shooting Setting**

The touch shooting setting applied in 🅾 (auto) mode is stored in the camera's memory even after the camera is turned off.

Basic Photography and Playback: 🆔 (Easy Auto) Mode

𝐀𝐅[·] Tapping the Monitor to Focus (Touch AF/AE)

The touch shooting setting can be changed from **Touch shutter** (default setting) to **Touch AF/AE**.

Tap a subject in the monitor to select the area at which the camera focuses. Press the shutter-release button halfway to lock focus and exposure for the area tapped, and press the shutter-release button the rest of the way down to take the picture.

1 Tap the bottom tab to display the setting controls (□ 16) and tap the touch shooting icon.

2 Tap 𝐀𝐅[·] (touch AF/AE).

Tap ⏎ to return to the previous screen.

To hide the setting controls after applying the setting, tap the tab again.

Touch shooting
Touch AF/AE

3 Tap the subject at which the camera focuses.

When a face is detected in ⬛ (easy auto) mode, faces other than the one surrounded by the frame cannot be tapped. When multiple faces are detected, tap a face framed by a single border to move the focus area to that face.

When no face is detected, the camera focuses on the area that is tapped.

⬦ ⬦ or a double border will be displayed at the area tapped.

When digital zoom is applied, the focus area cannot be selected.

To cancel the focus area selection, tap 🔲 displayed at left in the monitor.

If a position at which focus cannot be acquired is tapped, ⌐ ⌐ will be displayed in the monitor. Tap another position inside ⌐ ⌐.

Basic Photography and Playback: ⬛ (Easy Auto) Mode
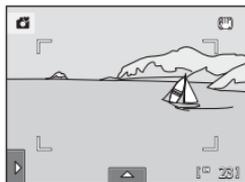
4 Press the shutter-release button to take a picture.

Press the shutter-release button halfway to acquire focus and exposure and press it all the way down to release the shutter.

❌ **Note on Touch AF/AE**

When shooting subjects with which autofocus may not perform as expected, the subject may not be in focus ($\Box$ 31).

📝 **Shooting Modes That Enable Touch AF/AE Function**

Touch AF/AE can be used in 🔛 (easy auto) mode and other shooting modes. Touch AF/AE operation differs according to the current shooting mode as follows.

Shooting mode	Touch AF/AE operation
🔛 (easy auto) mode ($\Box$ 26)	• When the camera detects a face, only a face framed by a border can be selected. When the camera detects more than one face, tap a face framed by a single border to move the focus area to that face. • When no face is detected, the camera focuses at the area tapped.
📷 (auto) mode ($\Box$ 52), **Sports**, **Party/indoor**, **Beach**, **Snow**, **Close-up**, **Food**, **Museum**, **Copy**, and **Backlighting** scene modes ($\Box$ 61)	Focus and exposure are set for the area tapped.
Portrait and **Night portrait** scene modes ($\Box$ 61), and smart portrait mode ($\Box$ 73)	Only a border displayed by the face detection function can be selected. When the camera detects more than one face, tap a face framed by a single border to move the focus area to that face.
Landscape, **Sunset**, **Dusk/dawn**, **Night landscape**, **Fireworks show**, and **Panorama assist** scene modes ($\Box$ 61)	Touch AF/AE cannot be enabled.

🖉 **Touch Shooting Setting**

The touch shooting setting applied in ● (auto) mode is stored in the camera's memory even after the camera is turned off.

🔍 **Taking Pictures of Subjects with Which Autofocus may not Perform as Expected**

When taking pictures of subjects with which autofocus may not perform as expected (□ 31), try pressing the shutter-release button halfway to refocus several times, or try the following techniques.

1 Switch to ● (auto) mode (□ 52) and select **Touch AF/AE** for the touch shooting setting.

2 Tap another subject that is as far from the camera as the desired subject.

3 Press the shutter-release button halfway.
- The camera focuses on the subject and the focus area glows green.
- Exposure is locked for the subject on which focus is acquired when the shutter-release button is pressed halfway.
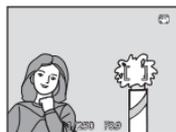
4 Continue holding down the shutter-release button halfway and recompose the picture.
- Be sure to maintain the same distance between the camera and the subject while the shutter-release button is pressed halfway.

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

o Changing the Brightness Using Exposure Compensation

Exposure compensation is used to alter exposure from the value suggested by the camera to make pictures brighter or darker.

1 Tap the bottom tab to display the setting controls (□ 16) and tap the exposure compensation icon.
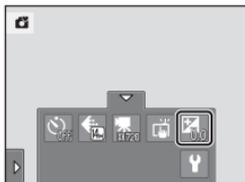
2 Drag the slider to change the exposure compensation value.

To make the picture brighter, apply positive (+) exposure compensation.

To make the picture darker, apply negative (–) exposure compensation.

Tap ⏎ to return to the previous screen.

Exposure compensation
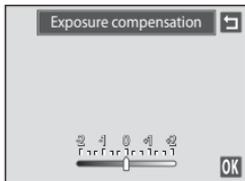
3 Tap ⓄⓀ.

To hide the setting controls after applying the setting, tap the tab again.

To exit without setting the exposure compensation, set the value to **0** and tap ⓄⓀ.

Exposure compensation
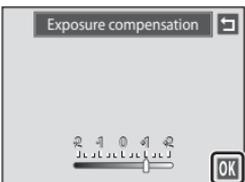
⬚ Exposure Compensation Value

The exposure compensation value applied in ◘ (auto) mode is stored in the camera's memory even after the camera is turned off, and reapplied the next time ◘ (auto) mode is selected.

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Taking Pictures with the Remote Control

Use the remote control ML-L5 (supplied; □ 6) to take pictures. It is convenient for taking self-portraits and effectively eliminates blur caused by camera shake that occurs when the shutter-release button is pressed.

- The remote control can also be used in conjunction with the self-timer.
- Use of a tripod is recommended during shooting with the remote control. Set **Vibration reduction** (□ 150) to **Off** in the setup menu (□ 142) when using a tripod to stabilize the camera during shooting.

1 Use a tripod or other means of stabilizing the camera.

2 Frame a picture.

To use the self-timer, follow steps 1 and 2 under "ℕ Taking Pictures with the Self-timer" (□ 37) to make self-timer settings.

Press the **T** or **W** button to activate the zoom. Press the **T** button to zoom in so that the subject fills a larger area of the frame, or the **W** button to zoom out, thus increasing the area visible in the frame.

When **Smile timer** is set to **On** in smart portrait mode (□ 73), and the camera detects human faces, remote control operation is not available.
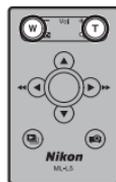
3 Point the infrared emitter of the remote control at the infrared receiver on the front or rear of the camera (□ 4, 5) and press the apply selection button.

The shutter is released and a picture is saved.

Point the remote control at the infrared receiver from a distance not greater than 5 m (16 ft.).

When the self-timer is used, focus is locked, exposure is adjusted, and the self-timer begins counting down. Once the shutter is released, the self-timer is automatically disabled. To stop the self-timer before a picture is taken, press the apply selection button again.

Rear   Front

Apply selection button
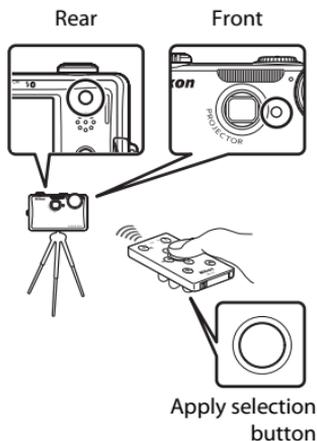
Selecting a Shooting Mode

Following shooting modes can be selected.

☺ Easy auto mode $\qquad\qquad$ ☐ 26

By simply framing a picture, the camera automatically selects the optimum shooting mode.

☐ Auto mode $\qquad\qquad$ ☐ 52

Pictures can be taken with the flash mode or macro mode settings. Other settings can be made, such as the continuous setting or the "subject tracking" option, which moves the active focus area to track the registered subject.

爨 Scene mode $\qquad\qquad$ ☐ 61

Camera settings are automatically optimized for the selected scene.

☺ Smart portrait mode $\qquad\qquad$ ☐ 73

The camera uses the face detection function to detect human faces, and automatically releases the shutter when a smile is detected. The skin softening option can be used to make skin tones of human faces displayed smoothly.

1 Press the ☐ button in shooting mode.

The shooting-mode selection menu is displayed.
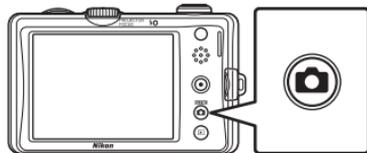
2 Tap the desired shooting mode icon.

The camera enters the selected shooting mode.

To select a scene mode, first tap 爨 (scene), and then tap the icon of the desired scene mode (☐ 61).

To return to the current shooting mode without switching shooting modes, press the ☐ button or the shutter-release button.

More on Shooting

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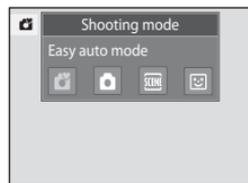
G Easy Auto Mode

Automatic Scene Selection

The camera automatically selects one of the following scenes when pointing the camera at a subject.

- G Auto mode (general use)
- 多 Portrait (□ 64)
- ➡ Landscape (□ 64)
- ➡ Night landscape (□ 67)

- ➡ Night portrait (□ 65)
- ➡ Backlighting (□ 69)
- ➡ Close-up (□ 67)

Focusing in Easy Auto Mode

When G or ➡ is displayed, the camera automatically selects one or more of the nine focus areas containing the subject closest to the camera. Press the shutter-release button halfway to activate the focus area. When the shutter-release button is pressed halfway, the focus area (up to nine areas) selected by the camera will be displayed in the monitor.
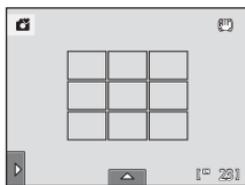
Face Detection

When the camera is pointed at a human face, face detection, which the camera automatically detects that face and focus on it, starts. The face detection function is activated in the following situations.

- In G (easy auto) mode (□ 26)
- In ➡ (auto) mode (□ 52)
- In **Portrait** (□ 64), or **Night portrait** (□ 65) scene mode
- In smart portrait mode (□ 73)

Notes on the Face Detection Function

- The camera may be unable to detect faces in the following situations:
  - When faces are partially hidden by sunglasses or other obstructions
  - When faces take up too much or too little of the frame
- When the frame includes more than one face, the faces detected by the camera and the face on which the camera focuses depend upon a variety of factors, including the direction in which the faces are looking.
- In some cases, including those noted in "Autofocus" (□ 31), autofocus may not perform as expected, and the subject may not be in focus despite the fact that the double border glows green. Should this occur, refocus on another subject positioned at the same distance from the camera as the actual portrait subject (□ 46).

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More on Shooting

✐ **Motion Detection**

In 🄴 (easy auto) mode or ⌾ (auto) mode, when the camera detects subject movement or camera shake, ISO sensitivity and shutter speed are increased to reduce blurring. In this case, the shutter speed indicator will turn green.

- Motion detection may be unable to completely eliminate the effects of subject movement and camera shake in some situations.
- Motion detection may not function if the subject exhibits significant movement or is too dark.
- The pictures taken using motion detection may be somewhat "grainy" in appearance.

Shooting in A (Auto) Mode

Shooting settings such as flash mode or macro mode can be made. The **Continuous** setting or the **Subject tracking** option, with which the active focus area moves to track the selected subject, can also be made or applied.

1 Tap A in shooting mode.

Shooting mode menu is displayed.

2 Tap A.
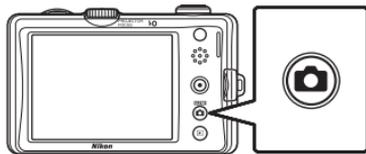
The camera enters A (auto) mode.
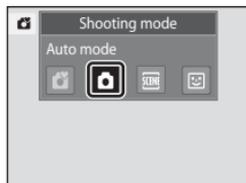
3 Tap the left or bottom tab to display the setting controls (□ 16), and check or adjust the setting.

Tap the desired setting control to adjust the setting.
See "Adjusting the A (Auto) Mode setting" (□ 53) for more information.

4 Frame the subject and take a picture.

When the camera detects a face, a yellow double border (focus area) is displayed around that face. When the shutter-release button is pressed halfway, the camera focuses on that face framed by a double border (□ 28, 50).

When taking pictures of subjects other than people, or framing a subject with which no face is detected, the camera automatically selects one or more of the nine focus areas containing the subject closest to the camera (□ 50). When focus is set, the active focus area (up to nine areas) turns green.

A picture is taken when the shutter-release button is pressed all the way down.

At the default setting, the shutter can be released by simply tapping a subject in the monitor (□ 41) without pressing the shutter-release button. The **Touch shutter** option can be changed to the **Touch AF/AE** option, which allows the camera to set the focus and exposure on the subject that is tapped on the monitor. When using the Touch AF/AE option, the picture is taken by pressing the shutter-release button (□ 44).

🔍 More Information

See "Autofocus" (□ 31) and "Notes on the Face Detection Function" (□ 50) for more information.

More on Shooting

Adjusting the ■ (Auto) Mode setting

In ■ (auto) mode, the camera settings indicated below can be adjusted by tapping the tabs to display the setting controls.

- Each icon also indicates the current setting.
- Tap the icon of the desired item to display the setting screen for that item.
- Tap the tab again to hide the setting controls.
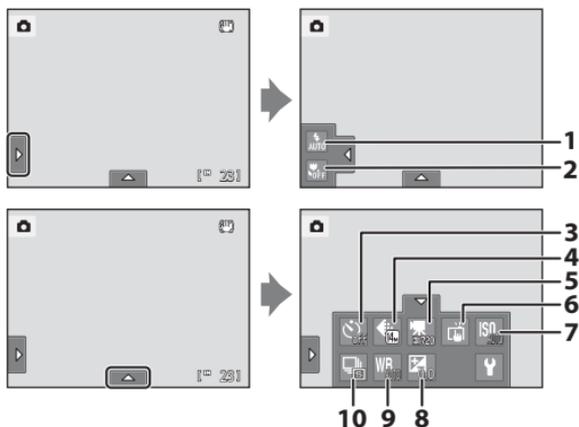
1	🗲	Flash mode*	34
2	🌷	Macro mode*	54
3	⏱	Self-timer	37
4	✦	Image mode*	39
5	🎥	Movie options*	125

6		Touch shooting*	
	🖐	Touch shutter	41
	AF	Touch AF/AE	44
	🖐	Subject tracking	55
7	ISO	ISO sensitivity*	57
8	🔆	Exposure compensation*	47
9	WB	White balance*	59
10	🔁	Continuous*	58

* The settings applied in ■ (auto) mode are stored in the camera's memory even after the camera is turned off, and reapplied the next time ■ (auto) mode is selected.

📝 Camera Settings that Cannot Be Applied Simultaneously

Some shooting settings cannot be used with other functions. See "Camera Settings that Cannot Be Applied Simultaneously" (□ 77) for more information.

✿ Macro Mode

◻ (auto) ➔ Tap the left tab ➔ ✿ Macro mode

Macro mode is used for taking pictures of objects as close as 3 cm (1.2 in.). Note that the flash may be unable to light the entire subject at distances of less than 30 cm (1 ft.).

1 Tap ON.

```
Macro mode          ⊟
On

 ON    OFF
```

2 Rotate the zoom control to frame the picture.

The closest possible shooting distance may vary according to the zoom position. The camera can focus at distance of 3 cm (1.2 in.) at the zoom position at which ✿ and the zoom indicator glow green (the zoom indicator is positioned to the left of △).

```
◻    W ▭▭▭▭ T
```
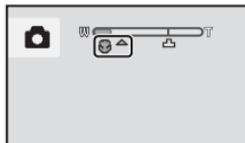
⚠ Note on Macro Mode Setting

There are functions with which this setting cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (□ 77) for more information.

✐ Autofocus

When taking still pictures in macro mode, the camera continuously adjusts the focus until the shutter-release button is pressed halfway to lock the focus. Therefore, the sound of lens drive movement can be heard.

✐ The Macro Mode Setting

- In 🅐 (easy auto) mode, the camera enters macro mode when ✿ is selected.
- In scene mode, the setting varies depending on the selected scene (□ 62). The camera enters macro mode when ✿ **Close-up** or ¶¶ **Food** is selected.
- In 🙂 smart portrait mode, macro mode is disabled.

More on Shooting

🖐 Subject Tracking (Focusing on a Moving Subject)

⬛ (auto) ➔ Tap the bottom tab ➔ Touch shooting

In ⬛ (auto) mode (□ 52), the touch shooting setting can be changed from **Touch shutter** (default setting) to **Subject tracking**. Use this option to take pictures of moving subjects. Tap the subject on which the camera will focus. The focus area will automatically move to track the subject.

1 Tap 🖐 (**Subject tracking**).

🖐 (subject tracking) is enabled only in ⬛ (auto) mode.
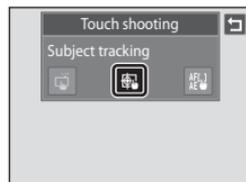
2 Register a subject.

Tap the desired tracking subject in the monitor.

- The subject is registered.
- When the border framing the subject glows red, the camera is unable to focus. Change the composition and try again.

If the tapped area does not contain a subject that can be registered, ⌞ ⌝ is displayed in the monitor. Tap a subject within ⌞ ⌝.

When the subject is registered, a yellow focus area is displayed around that subject and the camera begins tracking the subject.

Tap another subject to change a subject to follow.

To cancel the registration of the subject, tap 🖼, displayed at left in the monitor.

If the camera cannot track the registered subject anymore, the focus area will disappear and the registration will be canceled. Register the subject again.

More on Shooting

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3 Press the shutter-release button to take a picture.

The camera focuses on the focus area when the shutter-release button is pressed halfway. The focus area will glow green and focus will be locked.

When the camera is unable to focus, the focus area will blink. Press the shutter-release button halfway again to focus.

If the shutter-release button is pressed halfway while the focus area is not displayed, the camera automatically selects one or more of the nine focus areas containing the subject closest to the camera (□ 50).

Press the shutter-release button all the way down to release the shutter.

⚠ Notes on Subject Tracking Mode

- Digital zoom is not available.
- The sound of the lens focus motor can be heard when the subject tracking function is working.
- Adjust zoom position and apply shooting settings (□ 53) before registering the subject. If these settings are adjusted after the subject has been registered, subject registration will be canceled.
- It may be impossible to register the desired subject, or the camera may be unable to track the registered subject or may begin tracking a different subject, if the subject is moving rapidly, if there is a significant amount of camera shake, or if the camera detects a similar subject. The camera's ability to accurately track the registered subject is also dependent upon the size and brightness of the subject.
- In some rare cases, subjects with which autofocus may not perform as expected (□ 31) may be out of focus despite the fact that the focus area glows green. In this situation, focus on another subject which is at the same distance from the camera as the intended subject while the shutter-release button is pressed halfway (□ 46).
- There are functions with which this setting cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (□ 77) for more information.

✐ Touch Shooting Setting

Subject registration with subject tracking will be canceled when the camera is turned off.

ISO ISO Sensitivity

⚫ (auto) ➔ Tap the bottom tab ➔ ISO ISO sensitivity

The higher the sensitivity, the less light is needed to expose an image, allowing capturing darker subjects.

Also, a higher sensitivity allows higher shutter speeds, resulting in the picture with less camera shake and subject blur in comparison to the same subject taken under the same brightness.

- Although high ISO sensitivity settings are suited to pictures of subjects taken under dim lighting, those taken without flash, or those taken at telephoto setting, high sensitivity settings are often associated with "noise"- randomly spaced, brightly colored pixels- concentrated in dark portions of images.

AUTO Auto (default setting)

Sensitivity is ISO 80 under normal conditions; when lighting is poor, the camera compensates by raising sensitivity to a maximum of ISO 800.

A̲I̲S̲O̲ Fixed range auto

Choose the range in which the camera automatically adjusts ISO sensitivity, from **ISO 80-200** or **ISO 80-400**. The camera will not increase sensitivity beyond the maximum value in the selected range. Set the maximum value for ISO sensitivity for effective control over the amount of "grain" that appears in images.

80, 100, 200, 400, 800, 1600, 3200, 6400

Sensitivity is locked at the specified value.

⚠ Notes on ISO Sensitivity

- There are functions with which this setting cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (□ 77) for more information.
- When the ISO sensitivity setting is set to any option other than **Auto**, motion detection (□ 51) is disabled.

⚠ Notes on ISO Sensitivity 3200 and 6400

- When **ISO sensitivity** is set to **3200** or **6400**, **Image mode** settings are limited to ⨯ **2048×1536**, ⨯ **1024×768**, and ⨯ **640×480**.
- When **ISO sensitivity** is set to **3200** or **6400**, the image mode icon is displayed in red during shooting.

More on Shooting

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🖵 Continuous

◘ (auto) ➔ Tap the bottom tab ➔ 🖵 Continuous

Enable continuous shooting or BSS (best shot selector).

⬛ Single (default setting)

One picture is taken each time the shutter-release button is pressed.

🖵 Continuous

While the shutter-release button is held down, up to 4 pictures are taken at a rate of about 0.9 frames per second (at an **Image mode** setting of ▣ **4320×3240**).

BSS BSS (Best Shot Selector)

The "best shot selector" is recommended when shooting with the flash off or the camera zoomed in, or in other situations in which inadvertent motion can result in blurred pictures. When BSS is on, the camera takes up to ten pictures while the shutter-release button is held down. The sharpest picture in the series is automatically selected and saved.

🖼 Multi-shot 16

Each time the shutter-release button is pressed, the camera takes 16 shots at a rate of about 7 fps and arranges them in a single image.
Pictures are recorded at an image mode setting of ▣ (image size: 2560 × 1920 pixels). This setting cannot be changed.
Digital zoom is not available.
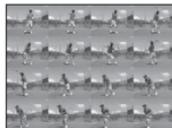
⚠ Notes on Continuous Shooting

- When **Continuous**, **BSS**, or **Multi-shot 16** is selected, the flash is disabled. Focus, exposure, and white balance are fixed at the values determined with the first picture in each series.
- The frame rate with continuous shooting may vary depending upon the current image mode setting, the memory card used, or shooting condition.
- There are functions with which this setting cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (🔲 77) for more information.

⚠ Note on BSS

BSS is effective when taking pictures of still subjects. BSS may not produce the desired results if the subject moves or the composition changes while the shutter-release button is held down.

⚠ Note on Multi-shot 16

Smear (🔲 177) visible in the monitor when shooting with **Multi-shot 16** enabled will be recorded with images. Avoiding bright objects such as the sun, reflections of the sun, and electric lights when shooting with **Multi-shot 16** enabled is recommended.

W̄B White Balance (Adjusting Hue)

◘ (auto) ➔ Tap the bottom tab ➔ W̄B White balance

The color of light reflected from an object varies with the color of the light source. The human brain is able to adapt to changes in the color of the light source, with the result that white objects appear white whether seen in the shade, direct sunlight, or under incandescent lighting. Digital cameras can mimic this adjustment by processing images according to the color of the light source. This is known as "white balance." For natural colors, choose a white balance setting that matches the light source before shooting. Although the default setting, **Auto**, can be used under most types of lighting, the white balance setting suited to a particular light source can be specified manually to achieve more accurate results.

AUTO	Auto (default setting)
	White balance automatically adjusted to suit lighting conditions. Best choice in most situations.
PRE	Preset manual
	Neutral-colored object used as reference to set white balance under unusual lighting conditions. See "Preset Manual" (□ 60) for more information.
☀	Daylight
	White balance adjusted for direct sunlight.
☀	Incandescent
	Use under incandescent lighting.
☶	Fluorescent
	Use under fluorescent lighting.
☁	Cloudy
	Use when taking pictures under overcast skies.
⚡	Flash
	Use with the flash.

B Note on White Balance

At white-balance settings other than **Auto** or **Flash**, turn the flash off (⚡) (□ 34).

Preset Manual

Preset manual is effective with 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).

Follow the procedure below to measure the white balance value according to the light source when shooting.

1 Place a white or gray reference object under the lighting that will be used during shooting.

2 Tap the bottom tab to display the setting controls (□ 16) and tap 𝐖𝐁.

3 Tap 𝐏𝐑𝐄.

The camera zooms in to the position for measuring white balance.

White balance
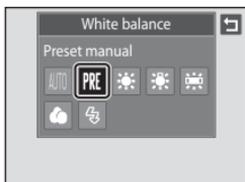
Preset manual

4 Frame the reference object in the measuring window.

To apply the most recently measured value for preset manual, tap **Cancel**.
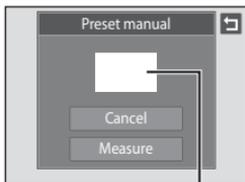
Preset manual

Measuring window

5 Tap **Measure** to measure a value for preset manual.

The shutter is released and the new white balance value is set. No picture is recorded.

Preset manual

Cancel
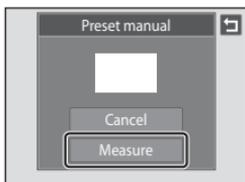
Measure

Note on Preset Manual

A value for flash lighting cannot be measured with **Preset manual**. When shooting using the flash, set **White balance** to **Auto** or **Flash**.

More on Shooting

Shooting Suited to Scenes (Scene Mode)

Camera settings are automatically optimized for the selected subject type. The following scene modes are available.

♨ Portrait	▲ Landscape	⚡ Sports	☆ Night portrait	☆ Party/indoor
🌅 Beach	❄ Snow	🌄 Sunset	🌆 Dusk/dawn	🌃 Night landscape
🌷 Close-up	¶¶ Food	🏛 Museum	❀ Fireworks show	◻ Copy
🌄 Backlighting	⋈ Panorama assist			

Selecting a Scene Mode

1 Press the ⬤ button in shooting mode to display the shooting-mode selection menu and tap 🎬.

The scene mode selection screen is displayed.
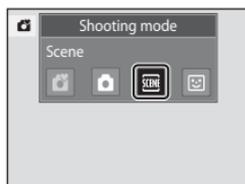
2 Tap the desired scene icon.

The display changes to that for the selected scene mode.

For more information about features of scene modes, see page 64.

3 Frame the subject and take a picture.

The degree of effects can be adjusted with the scene effect adjustment slider (□ 63) depending on the scene mode.

🖉 Displaying the Description of Each Scene Mode

When ? is tapped in the scene selection screen (step 2), the help selection screen is displayed. Tap a scene icon to display a description of the features of that mode. Tap 🔄 to return to the help selection screen.

- Tap 🔄 in the help selection screen to return to the monitor display shown in step 2.

More on Shooting

📝 Shooting Settings in Scene Mode

The shooting settings for each scene mode are shown below.

	Flash mode (□ 34)	Macro mode (□ 54)	Self-timer (□ 37)	Touch shooting (□ 41, 44)	Exposure compensation (□ 47)
🎞	🔆⊙[1]	Off	Off[1]	[1, 4]	0[1]
▨	🚫	Off	Off[1]	[5]	0[1]
🎇	🚫	Off	Off	[1]	0[1]
🏞	🔆⊙[2]	Off	Off[1]	[1, 4]	0[1]
🎆	🔆⊙[1, 3]	Off	Off[1]	[1]	0[1]
🌅	🔆AUTO[1]	Off	Off[1]	[1]	0[1]
🖼	🔆AUTO[1]	Off	Off[1]	[1]	0[1]
🏔	🚫[1]	Off	Off[1]	[5]	0[1]
🌄	🚫	Off	Off[1]	[5]	0[1]
🏙	🚫	Off	Off[1]	[5]	0[1]
🌼	🔆AUTO[1]	On	Off[1]	[1]	0[1]
🍴	🚫	On	Off[1]	[1]	0[1]
🏛	🚫	Off[1]	Off[1]	[1]	0[1]
🎆	🚫	Off	Off	[5]	0
▢	🚫[1]	Off[1]	Off[1]	[1]	0[1]
🏙	🔆	Off	Off[1]	[1]	0[1]
▷	🚫[1]	Off[1]	Off[1]	[5]	0[1]

[1] The default setting can be changed by tapping the tabs to display the setting controls.

[2] The flash mode setting is fixed at fill flash with slow sync with red-eye reduction.

[3] The setting may change to slow sync with red-eye reduction.

[4] Only a frame displayed by the face detection function can be selected.

[5] Focus and exposure are set for the same focus area used when pictures are taken by pressing the shutter-release button.

📝 Image Mode (Image Quality/Image Size) Setting

The image mode (□ 39) setting previously specified in other shooting modes applies. To change the image mode setting in scene mode, tap the bottom tab to display the setting controls and tap ✦.

Adjusting Scene Effect

The scene effect adjustment slider is displayed in the scene modes listed below. Tap or drag the scene effect adjustment slider to adjust the degree of effect to be applied to pictures taken in the selected scene mode.
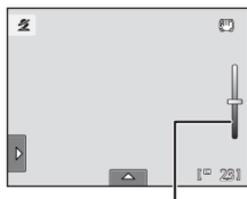
Scene effect
adjustment slider

🌣 Portrait, ⭐ Night portrait, 🏖 Beach, ❄ Snow, 🌃 Night landscape, ⭐ Backlighting	Brighter / Darker
🍴 Food	More red / More blue
🏔 Landscape, 🌷 Close-up	More vivid / Less vivid
🌅 Sunset, 🌆 Dusk/dawn	More red / More blue

More on Shooting

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Selecting a Scene Mode to Take Pictures (Features)

⍨ Portrait

Use this mode for portraits.

- When the camera detects a human face, that face will be framed by a yellow double border (focus area). See "Face Detection" (□ 50) for more information.
- If more than one face is detected, the face nearest to the camera will be framed by a yellow double border (focus area) and the other faces will be framed by a single border. Tap the face framed by a single border to change the focus area to that face (□ 41, 44).
- The camera softens skin tones (in up to three faces) by applying the skin softening function before recording pictures (□ 74).
- If no faces are detected when the shutter-release button is pressed halfway, the camera focuses on the subject at the center of the frame.
- Digital zoom is not available.
- The default setting for flash mode is ⚡◎ **Auto with red-eye reduction**.
- Use the scene effect adjustment slider (□ 63) to adjust picture brightness.

▲ Landscape

Use this mode for vivid landscapes and cityscapes.

- Camera focuses at infinity. The focus area or focus indicator (□ 30) always glows green when the shutter-release button is pressed halfway. Note, however, that objects in the foreground may not always be in focus.
- The flash does not fire and the flash mode is disabled.
- AF-assist illuminator (□ 151) does not light.
- Use the scene effect adjustment slider (□ 63) to adjust picture saturation.

Use of a tripod is recommended in scene modes with which ⟨⚗⟩ is indicated. Set **Vibration reduction** (□ 150) to **Off** when using a tripod to stabilize the camera.

✿ Sports

Use this mode for dynamic action shots that freeze the action in a single shot and record motion in a series of pictures.

- The camera focuses on the subject at the center of the frame. The area focused can be changed by the touch shutter ($\square$ 41) or touch AF/AE ($\square$ 44). The camera continuously adjust the focus until the shutter-release button is pressed halfway to lock the focus.
- While the shutter-release button is held down, up to 4 pictures are taken at a rate of about 0.9 frames per second (fps) when image mode is set to ⛁ **4320×3240**.
- Focus, exposure, and white balance are fixed at the values determined with the first picture in each series.
- The maximum frame rate with continuous shooting may vary depending upon the current image mode setting, the memory card used, or shooting condition.
- Continuous shooting is disabled and only one picture can be taken at a time when the shutter is released using the **Touch shutter** function ($\square$ 41).
- The flash does not fire and the flash mode is disabled.
- AF-assist illuminator ($\square$ 151) does not light.

⚐ Night portrait

Use this mode for portraits taken at sunset or at night. The flash fires to light the portrait subject while preserving background lighting to achieve a natural balance between the main subject and background ambience.

- When the camera detects a human face, that face will be framed by a yellow double border (focus area). See "Face Detection" ($\square$ 50) for more information.
- If more than one face is detected, the face nearest to the camera will be framed by a yellow double border (focus area) and the other faces by a single border. Tap the face framed by a single border to change the focus area to that face ($\square$ 41, 44).
- The camera softens skin tones (in up to three faces) by applying the skin softening function before recording pictures ($\square$ 74).
- If no faces are detected when the shutter-release button is pressed halfway, the camera focuses on the subject at the center of the frame.
- Digital zoom is not available.
- The flash mode setting is fixed at fill flash with slow sync with red-eye reduction.
- Use the scene effect adjustment slider ($\square$ 63) to adjust picture brightness.

More on Shooting

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※ Party/indoor

Captures the effects of candlelight and other indoor background lighting.
- Camera focuses on the subject at the center of the frame. The area focused can be changed by the touch shutter (□ 41) or touch AF/AE (□ 44).
- The default setting for flash mode is **⚡◎ Auto with red-eye reduction**. The flash mode setting may automatically switch to slow sync with red-eye reduction.
- As pictures are easily affected by camera shake, hold the camera steadily. Use of a tripod is recommended in dark surroundings.
- Set **Vibration reduction** (□ 150) to **Off** when using a tripod to stabilize the camera.

🏖 Beach

Captures the brightness of such subjects as beaches or sunlit expanses of water.
- Camera focuses on the subject at the center of the frame. The area focused can be changed by the touch shutter (□ 41) or touch AF/AE (□ 44).
- Use the scene effect adjustment slider (□ 63) to adjust picture brightness.

🏔 Snow

Captures the brightness of such subjects as snowfield.
- Camera focuses on the subject at the center of the frame. The area focused can be changed by the touch shutter (□ 41) or touch AF/AE (□ 44).
- Use the scene effect adjustment slider (□ 63) to adjust picture brightness.

🌅 Sunset 〔夭〕

Preserves the deep hues seen in sunsets and sunrises.
- Camera focuses on the subject at the center of the frame.
- The default setting for flash mode is **⊛ Off**.
- Use the scene effect adjustment slider (□ 63) to adjust picture color.

Use of a tripod is recommended in scene modes with which 〔夭〕 is indicated. Set **Vibration reduction** (□ 150) to **Off** when using a tripod to stabilize the camera.

More on Shooting

▲ Dusk/dawn

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

- Camera focuses at infinity. The focus area or focus indicator (□ 30) always glows green when the shutter-release button is pressed halfway. Note, however, that objects in the foreground may not always be in focus.
- The flash does not fire and the flash mode is disabled.
- AF-assist illuminator (□ 151) does not light.
- Use the scene effect adjustment slider (□ 63) to adjust picture color.

▧ Night landscape

Slow shutter speeds are used to produce stunning night landscapes.

- Camera focuses at infinity. The focus area or focus indicator (□ 30) always glows green when the shutter-release button is pressed halfway. Note, however, that objects in the foreground may not always be in focus.
- The flash does not fire and the flash mode is disabled.
- AF-assist illuminator (□ 151) does not light.
- Use the scene effect adjustment slider (□ 63) to adjust picture brightness.

▧ Close-up

Photograph flowers, insects and other small objects at close range.

- Macro mode (□ 54) is enabled and the camera automatically zooms to the closest position at which it can focus.
- The closest possible shooting distance may vary according to the zoom position. The camera can focus at distance of 3 cm (1.2 in.) at the zoom position at which 🌢 and the zoom indicator glow green (the zoom indicator is positioned to the left of △).
- Note that the flash may be unable to light entire subject at distances of less than 30 cm (1 ft.).
- Camera focuses on the subject at the center of the frame. The area focused can be changed by the touch shutter (□ 41) or touch AF/AE (□ 44).
- The camera focuses continuously until focus is locked by pressing the shutter-release button halfway.
- As pictures are easily affected by camera shake, be sure that **Vibration reduction** (□ 150) is enabled and hold the camera steadily.
- Use the scene effect adjustment slider (□ 63) to adjust picture saturation.

More on Shooting

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¶¶ Food

Use when taking pictures of food.

- Macro mode (□ 54) is enabled and the camera automatically zooms to the closest position at which it can focus.
- The closest possible shooting distance may vary according to the zoom position. The camera can focus at distance of 3 cm (1.2 in.) at the zoom position at which ⚘ and the zoom indicator glow green (the zoom indicator is positioned to the left of △).
- The flash does not fire and the flash mode is disabled.
- Camera focuses on the subject at the center of the frame. The area focused can be changed by the touch shutter (□ 41) or touch AF/AE (□ 44).
- The camera focuses continuously until focus is locked by pressing the shutter-release button halfway.
- As pictures are easily affected by camera shake, be sure that **Vibration reduction** (□ 150) is enabled and hold the camera steadily.
- Use the scene effect adjustment slider (□ 63) to adjust the subject's hue affected by the lighting. This adjustment is stored in the camera's memory even after the camera is turned off.

血 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.

- Camera focuses on subject at the center of the frame. The area focused can be changed by the touch shutter (□ 41) or touch AF/AE (□ 44).
- BSS (best shot selector) can be enabled (□ 58).
- BSS (best shot selector) is disabled with touch shutter shooting (□ 41).
- As pictures are easily affected by camera shake, be sure that **Vibration reduction** (□ 150) is enabled and hold the camera steadily.
- The flash does not fire and the flash mode is disabled.
- AF-assist illuminator (□ 151) does not light.

Use of a tripod is recommended in scene modes with which ⟦⚓⟧ is indicated. Set **Vibration reduction** (□ 150) to **Off** when using a tripod to stabilize the camera.

⊛ Fireworks show 🔼

Slow shutter speeds are used to capture the expanding burst of light from a firework.
- Camera focuses at infinity. The focus indicator (□ 30) always glows green when the shutter-release button is pressed halfway. Note, however, that objects in the foreground may not always be in focus.
- The flash does not fire and the flash mode is disabled.
- AF-assist illuminator (□ 151) does not light.

❏ Copy

Provides clear pictures of text or drawings on a white board or in print.
- Camera focuses on subject at the center of the frame. The area focused can be changed by the touch shutter (□ 41) or touch AF/AE (□ 44).
- Use macro mode (□ 54) to focus at short ranges.
- Colored text and drawings may not show up well.
- The default setting for flash mode is ⊛ **Off**.
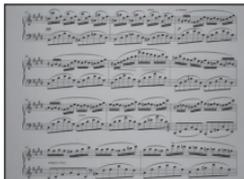
⅍ Backlighting

Use when light is coming from behind subject, throwing features or details into shadow. The flash fires automatically to "fill in" (illuminate) shadows.
- Camera focuses on subject at the center of the frame. The area focused can be changed by the touch shutter (□ 41) or touch AF/AE (□ 44).
- The flash mode setting is fixed at **⚡ Fill flash**.
- Use the scene effect adjustment slider (□ 63) to adjust picture brightness.

More on Shooting

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⋈ Panorama assist

Use when taking a series of pictures that will later be joined to form a single panorama using the supplied Panorama Maker 5 software. See "Shooting for a Panorama" (□ 71) for details.

- The default setting for flash mode is ⑬ **Off**.

Shooting for a Panorama

The camera focuses on the subject at the center of the frame. Use a tripod for the best results. Set **Vibration reduction** (□ 150) to **Off** in the setup menu (□ 142) when using a tripod to stabilize the camera.

1 Press the ○ button in shooting mode to display the shooting-mode selection menu and tap 喌.

The scene mode selection screen is displayed.
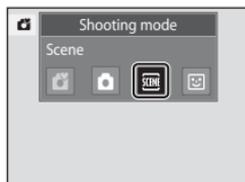
2 Tap ◯ **Panorama assist** (□ 61).

Panorama direction icons are displayed to show the direction in which pictures will be joined.

3 Tap a direction icon.

Select the direction in which pictures will be joined in the completed panorama; right (▶), left (◀), up (▲) or down (▼).

A different direction can be selected by tapping a different panorama direction icon.

Change shooting settings (□ 62) before the first picture is taken in the next step.

4 Take the first picture.

One third of the picture will be displayed as translucent.

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5 Take the next picture.

Frame the next picture so that one-third of the frame overlaps the previous picture and press the shutter-release button.

Repeat this process until the necessary number of pictures have been taken to complete the scene.

6 Tap ⊠ when shooting is complete.

The camera returns to step 3.

⚠ Notes on Panorama Assist

- Apply or adjust shooting settings (□ 62) before releasing the shutter for the first picture. Shooting settings cannot be changed after the first picture is taken. Pictures cannot be deleted, nor can zoom operate after the first picture has been taken.
- Shooting for the panorama series is terminated if the auto off function (□ 153) initiates standby mode during shooting. Setting the time allowed to elapse before the auto off function is enabled to a longer setting is recommended.

🔍 AE/AF-L Indicator

In **Panorama assist** scene mode, exposure, white balance, and focus for all pictures in a panorama are fixed at the values for the first picture in each series.

When the first picture is taken, AE/AF-L is displayed to indicate that exposure, white balance, and focus are locked.

🔍 Panorama Maker 5

Install Panorama Maker 5 from the supplied ViewNX 2 CD. Transfer pictures to a computer (□ 131) and use Panorama Maker 5 (□ 135) to join them in a single panorama.

🔍 More Information

See "Image/Sound File and Folder Names" (□ 180) for more information.

More on Shooting

Shooting Smiling Faces (Smart Portrait Mode)

At the default settings, the camera uses the face detection function to detect human faces, and then automatically releases the shutter when a smile is detected (smile timer). The skin softening option can be used to smooth skin tones of human faces.

1 Press the ◘ button in shooting mode to display the shooting-mode selection menu and then tap 🙂.

The camera enters smart portrait mode.
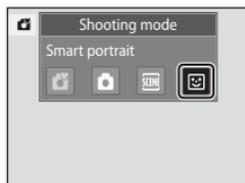
2 Frame a picture.

Point the camera at the subject.

When the camera detects a human face, a yellow double border (focus area) is displayed around that face. When focus is acquired on that face, the double border will turn green for a moment and focus is locked.

Up to three faces can be detected. When the camera detects more than one face, the double border is displayed around the face closest to the center of the frame, and single borders around the others.
Tap the face framed by a single border to change the focus area to that face.

3 The shutter is automatically released.

If the camera detects that the face framed by the double border is smiling, **Smile timer** (A 76) is activated and the shutter is automatically released.
Each time the shutter is released, the camera again initiates face detection and smile detection operations for continuous automatic shooting.

4 Shooting ends.

To stop automatic shooting of smiling faces, either turn the camera off, set **Smile timer** to **Off**, or press the ◘ button and select another shooting mode.

More on Shooting

❚ Notes on Smart Portrait Mode

- Digital zoom is not available.
- Self-timer is not available.
- Touch shutter cannot be enabled.
- Under some shooting conditions, the camera may be unable to detect faces or detect smiles.
- See "Notes on the Face Detection Function" (□ 50) for more information.

❚ Notes on Skin Softening Function

- More time than usual may be required to save a picture when shooting with skin softening function.
- In some shooting conditions, facial skin tones may not be smoothed or parts other than face may be modified though the camera detects a face. If the desired results are not produced, set **Skin softening** to **Off** and shoot again.
- The skin softening level cannot be adjusted when the portrait or night portrait is selected in the scene mode.
- Retouch effects such as the glamour retouch function's skin softening effect can be applied to pictures after they are taken (□ 119).

❚ Note on Using the Remote Control

When **Smile timer** is set to **On** in smart portrait mode and the camera detects a face, the remote control cannot be used.

✐ Self-timer Lamp

The self-timer lamp blinks slowly when the smile timer is enabled and the camera detects a face, and it blinks quickly immediately after the shutter is released.

✐ Releasing the Shutter Manually

Pictures can also be taken by pressing the shutter-release button. The camera focuses on the subject at the center of the frame when faces are not detected.

✐ Auto Power Off in Smile Timer Mode

When **Smile timer** is set to **On**, the auto off function (□ 153) is activated and the camera turns off when either of the situations indicated below persists and no other operations are performed.

- The camera does not detect any faces.
- The camera detected a face, but cannot detect a smile.

🔍 More Information

See "Autofocus" (□ 31) for more information.

Changing the Smart Portrait Mode Settings

The settings indicated below can be made by tapping the tabs to display the setting controls in smart portrait mode.

- Each icon also indicates the current setting.
- Tap the icon of the desired item to display the setting screen for that item.
- Tap the tab again to hide the setting controls.
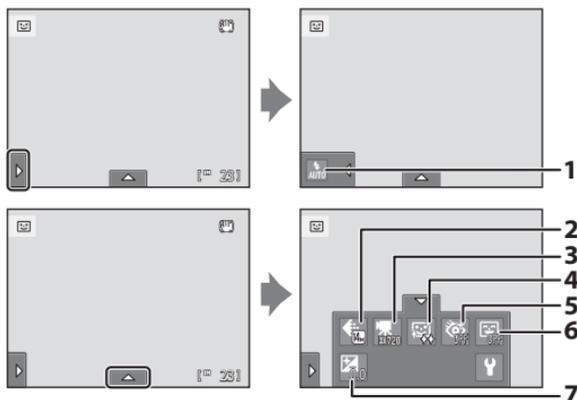
1   🍄 Flash mode

Set the flash mode (🔲 34) when taking pictures in smart portrait mode.

2   🌓 Image mode

Adjust **Image mode** (🔲 39).
Changes made to the image mode setting apply to all shooting modes.

3   🎥 Movie options

Select the desired movie option when recording movies (🔲 123, 125).

4   😊 Skin softening

Enable skin softening. When the shutter is released, the camera detects one or more human faces (up to three), and processes the image to soften facial skin tones before saving the picture.
The degree of skin softening applied can be selected from **High**, **Normal** (default setting), and **Low**. When **Off** is selected, the skin softening function is disabled.
- The effects of skin softening are not visible when framing pictures for shooting. Check the degree of skin softening performed in playback mode.

More on Shooting

5	☒ Blink proof

When **On** is selected, the camera automatically releases the shutter twice each time a picture is taken. Of the two shots, one in which the subject's eyes are open is saved.

- If the camera saved a picture in which the subject's eyes may have been closed, the dialog shown at right is displayed for a few seconds.
- When **On** is selected, the flash is disabled.
- The default setting is **Off**.

ⓘ
A blink was detected in the
picture just taken.

6	☺ Smile timer

- **On** (default setting): The camera uses the face detection function to detect a human face, and then automatically releases the shutter whenever a smile is detected.
- **Off**: The camera does not release the shutter automatically with smile detection. Press the shutter-release button to take a picture.

7	☒ Exposure compensation

Adjust **Exposure compensation** (□ 47) with shooting in smart portrait mode.

More on Shooting

✐ Settings in Smart Portrait Mode

There are functions with which this setting cannot be enabled. See "Camera Settings that Cannot Be Applied Simultaneously" (□ 77) for more information.

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Camera Settings that Cannot Be Applied Simultaneously

Some shooting settings cannot be used with other functions.

Restricted function	Setting	Description
Flash mode	Continuous (□ 58)	When **Continuous**, **BSS**, or **Multi-shot 16** is selected, flash is disabled.
	Blink proof (□ 76)	When **On** is selected, **Blink proof** is disabled.
Self-timer	Subject tracking (□ 55)	When the touch shooting is set to **Subject tracking**, self-timer is disabled.
Image mode	Continuous (□ 58)	When **Multi-shot 16** is selected, the **Image mode** setting is fixed at 5m (image size: 2560 × 1920 pixels).
	ISO sensitivity (□ 57)	When **3200** or **6400** is selected for **ISO sensitivity**, the image mode setting of only 3m **2048×1536**, PC **1024×768**, or VGA **640×480** can be selected. If any image mode setting other than above is selected, the image mode setting is automatically changed to 3m **2048×1536** when **ISO sensitivity** is set to **3200** or **6400**.
Macro mode	Subject tracking (□ 55)	When the touch shooting is set to **Subject tracking**, macro mode is disabled.
ISO sensitivity	Continuous (□ 58)	When **Multi-shot 16** is selected, the **ISO sensitivity** setting is automatically specified according to the brightness.
Continuous	Self-timer (□ 37)	When taking a picture using the self-timer, the continuous setting is fixed to **Single**.
	Touch shutter (□ 41)	When using the touch shutter function, one picture is taken each time the monitor is tapped.
Blink warning	Continuous (□ 58)	When taking a picture using **Continuous**, **BSS**, or **Multi-shot 16**, **Blink warning** is disabled.
Date imprint	Continuous (□ 58)	When taking a picture using **Continuous** or **BSS**, shooting date cannot be imprinted on the picture.
	Blink proof (□ 76)	When **On** is selected, **Date imprint** is disabled.
	Vibration reduction (□ 150)	When **On (hybrid)** is selected, **Date imprint** is disabled.

More on Shooting

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Restricted function	Setting	Description
Digital zoom	Continuous (□ 58)	When **Multi-shot 16** is selected, digital zoom is not available.
	Subject tracking (□ 55)	When the touch shooting is set to **Subject tracking**, digital zoom is disabled.

More on Shooting

🖉 **Restricted Functions in Shooting Mode**

The restricted functions vary with the shooting mode (□ 49). See the following pages for details on the functions available in each shooting mode:

- 🟥 (easy auto) mode →□ 34
- 🔲 (auto) mode →□ 53
- Scene mode →□ 62
- Smart portrait mode →□ 75

🔍 **More Information**

See "Notes on Digital Zoom" (□ 152) for more information.

Operations in Full-frame Playback Mode

Press the ▶ (playback) button to enter playback mode
and display pictures that have been taken (□ 32).

The following operations are available in full-frame
playback mode.

Option	Use	Description	□
Select a picture	–	Drag the picture to the right to display the previous picture and to the left to display the subsequent picture.	32
View thumbnails	**W** (■■)	Rotate the zoom control to **W** (■■) to display 4, 9 or 16 picture thumbnails.	80
Playback zoom	**T** (Q)	Rotate the zoom control to **T** (Q) to enlarge the picture up to 10×. Tap 🗙 to return to full-frame playback mode.	82
Playback movies	▣	Tap ▣ to play back the movie currently displayed.	128
Set the picture rating/play back pictures by rating	Right tab (★)	Apply a rating of one to five to each picture or play back pictures by rating.	97
Make playback settings	Bottom tab	Tap the bottom tab to specify the playback settings and edit pictures.	96
Switch to another playback mode	(▶)	Press the ▶ button to display the playback-mode selection menu and change to favorite pictures, auto sort, or list by date mode.	83
Switch to shooting mode	(📷) ● ⬇ ⬤	Press the 📷 button, ● (movie-record) button, or shutter-release button.	32
Switches to projector mode	📽	Press the 📽 button to project pictures with the built-in projector.	163

More on Playback

✎ **Picture Orientation (Portrait or Landscape)**

Pictures taken in portrait ("tall") orientation are automatically rotated for display (□ 15). The
orientation can be changed in **Rotate image** (□ 105). When the camera is rotated, the picture
displayed is also rotated (□ 15).

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Viewing Multiple Pictures: Thumbnail Playback

Rotate the zoom control to **W** (■) in full-frame playback mode (□ 79) to display pictures in "contact sheets" of thumbnail images.

The following operations are available while thumbnails are displayed.

To	Use	Description	□
Increase the number of pictures displayed	**W** (■)	Rotate the zoom control to **W** (■) to increase the number of the picture thumbnails displayed: 4 → 9 → 16.	–
Decrease the number of pictures displayed	**T** (Q)	Rotate the zoom control to **T** (Q) to decrease the number of picture thumbnails displayed: 16 → 9 → 4. Rotate the zoom control to **T** (Q) in 4-picture thumbnail display to return to full-frame playback mode.	–
Scroll display	■ or ■	Tap ■ or ■, or drag the slider at right on the screen. It is also possible to scroll through the thumbnails by dragging your finger up or down across the monitor.	–
Switch to full-frame playback mode	–	Tap a picture.	32
Set the picture rating/play back pictures by rating	Right tab (★)	Apply a rating of one to five to each picture or play back pictures by rating.	97
Make playback settings	Bottom tab	Tap the bottom tab, and **Delete**, **Slide show**, **Protect**, or **Print set** settings can be enabled.	96
Switch to shooting mode	⬛ ● ↓ ⬚	Press the ⬛ button, ● (movie-record) button, or shutter-release button.	32

🖉 **Thumbnail Playback Mode Display**

When pictures with rating (□ 97), or marked using **Protect** (□ 99) or **Print set** (□ 101) are selected, the icons shown at right are displayed with them. Movies are displayed as film frames.

Protect icon

Rating setting icon

Film frames
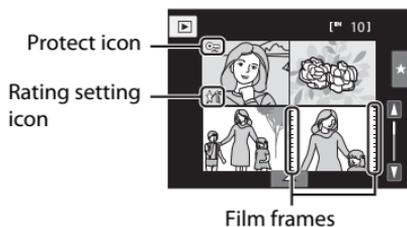
🖉 **Thumbnail Display in Favorite Pictures and Auto Sort Mode**

- When thumbnails are displayed in favorite pictures mode (□ 84), the favorite pictures icon is displayed in the monitor.

- When thumbnails are displayed in auto sort mode (□ 91), the pictures' category icon is displayed in the monitor.

More on Playback

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Taking a Closer Look: Playback Zoom

Rotating the zoom control to **T** (Q) in full-frame playback mode (□ 79) enlarges display of the center portion of the current picture.

• The guide displayed at bottom right shows the portion of the image currently displayed.

The following operations can be performed while picture display is enlarged.

To	Use	Description	□
Zoom in	**T** (Q)	Zoom increases each time the zoom control is rotated to **T** (Q), to a maximum of 10×.	–
Zoom out	**W** (▣)	Zoom decreases each time the zoom control is rotated to **W** (▣). When the magnification ratio reaches 1×, the display returns to full-frame playback mode.	–
Change the display area	–	The area of the picture currently displayed can be changed by dragging the picture.	–
Delete pictures	🗑	Tap 🗑 to delete the picture.	33
Switch to full-frame playback	⊠	Tap ⊠ to switch to full-frame playback.	32
Crop picture	✄	Tap ✄ to crop current picture to contain only the portion visible in the monitor.	122
Switch to shooting mode	⊙ ● ↓ 👆	Press the ⊙ button, ● (movie-record) button, or shutter-release button.	32
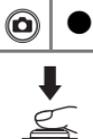
Pictures Taken with Face Detection

When zooming in (playback zoom) on a picture taken using the face detection function (□ 50) by rotating the zoom control to **T** (Q), the picture will be enlarged with the face detected with shooting at the center of the monitor (except pictures taken with **Continuous**, **BSS**, and **Multi-shot 16**; □ 58).

• If more than one face was detected, the picture will be enlarged with the face on which focus was acquired at the center of the monitor. Tap 🔄 or 🔄 to display other detected faces.

• When the zoom control is rotated to **T** (Q) or **W** (▣) to adjust the zoom ratio, the center of the picture, rather than the face, is displayed at the center of the monitor (normal playback zoom display).

More on Playback

Selecting Playback Mode

Following playback modes can be selected.

▶ Playback mode	☐ 32

Play back all pictures.

★ Favorite pictures mode	☐ 84

Play back pictures added to an album.

🖬 Auto sort mode	☐ 91

Play back pictures and movies automatically sorted to the selected category with shooting.

🗓 List by date mode	☐ 94

Play back pictures taken on the selected date.

1 Press the ▶ button in playback mode.

The playback mode selection menu is displayed.
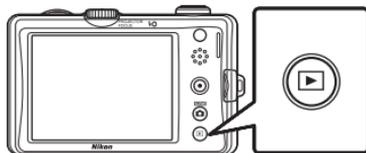
2 Tap the desired playback mode icon.

The camera enters the selected playback mode.

To return to the current playback mode, press the ▶ button.

> ▶ Playback mode
> Play
> ▶ ★ 🖬 🗓

More on Playback
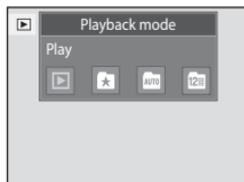
Sorting Favorite Pictures (Favorite Pictures Mode)

Pictures can be sorted to albums. Once pictures have been sorted to albums, favorite picture mode can be used to play back only the pictures in a specific album.

- Adding pictures to albums makes finding a particular picture faster and easier.
- Pictures can be sorted to albums categorized by themes such as travel or weddings.
- A single picture can be added to multiple albums.

Adding Pictures to Albums

Pictures can be added to albums and sorted.

1 Display pictures in playback mode ([32), auto sort mode ([91), or list by date mode ([94).

2 Select a picture and tap the bottom tab.

Display a picture in full-frame playback mode and tap the bottom tab.

3 Tap 🖼.

The albums selection screen is displayed.

4 Tap the desired album.

The picture is added to the album and monitor display returns to full-frame playback mode.

Repeat step 1 and 2 to add a picture to multiple albums.

More on Playback

B Notes on Adding Favorite Pictures

- An album can contain up to 200 pictures.
- Movies cannot be added to albums.
- If the selected picture has already been added to an album, the album icon turns yellow.
- When pictures are added to albums, they are not physically copied to albums or moved from the folder (□ 180) to which they were originally recorded (□ 90).

Q More Information

See "Removing Pictures from Albums" (□ 87) for more information.

Viewing Pictures in an Album

Pictures can be displayed by selecting the album to which they were added in "■ favorite pictures mode".

- **•** In full-frame playback mode, just as with normal playback mode, picture display can be enlarged, or pictures can be displayed as thumbnails. When the bottom tab is tapped to display the setting controls, settings can be made and editing can be performed on pictures sorted to the specified album (□ 96).

1 Press the ▶ button in playback mode to display the playback-mode selection menu (□ 83) and tap ■.

A list of albums is displayed.
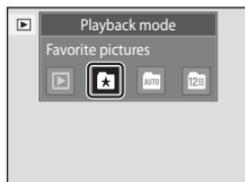
2 Tap the desired album.
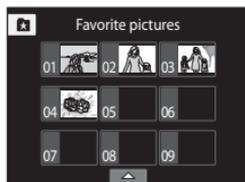
The pictures in the selected album will be displayed in full-frame playback mode.

The icon for the current album is displayed on the screen.

Repeat steps 1 and 2 to select a different album.

More on Playback

Removing Pictures from Albums

To remove a picture from an album without permanently deleting it, follow the procedures described below.

- Select the desired picture in full-frame display in step 2 in favorite pictures mode ($\square$ 86), tap the bottom tab to display the setting controls, and then tap $\boxed{}$. The confirmation dialog is displayed.

- Tap **Yes** to remove the picture from the album. To exit without removing the picture, tap **No**.

Remove this picture from favorites?

Yes   No

More on Playback

⚠ **Note on Deleting Pictures in Favorite Pictures Mode**

Note that deleting a picture in favorite pictures mode deletes not only the picture from the album, but also deletes the original picture from the internal memory or memory card permanently ($\square$ 90).

Operations in Favorite Pictures Mode

The following operations are available in the album list screen.

To	Use	Description	📖
Change the album icon	✐	Tap the bottom tab to display the setting controls, and tap ✐.	89
Delete all pictures in the selected album	🗑	When the bottom tab is tapped to display the setting controls, and 🗑 is tapped, the album selection screen is displayed. Select the desired album and tap 🆗.	–
Change playback mode	▶	Press the ▶ button to display the playback-mode selection menu.	83
Switch to shooting mode	▣ ● ↓ ☟	Press the ▣ button, ● (movie-record) button, or shutter-release button.	32

Changing Icons Assigned to Albums

The icon assigned to an album can be changed to reflect the theme of pictures included in the album.

1 Press the ▶ button in playback mode to display the playback-mode selection menu (□ 83) and tap ⭐.

A list of albums is displayed.

	Playback mode
▶ Favorite pictures	
▶ ⭐ AUTO 12m	

2 Tap the bottom tab to display the setting controls and tap ✎.

⭐ Favorite pictures

01 02 03
04 05 06
✎ 🗑 🔧
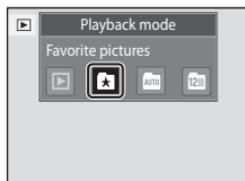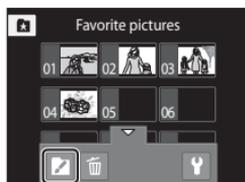
3 Tap the desired folder.

The album icon and icon color selection screen is displayed.

⭐ Choose icon ↰
01 02 03
04 05 06
07 08 09
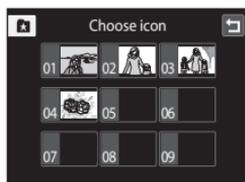
4 Tap the desired icon to be assigned to an album, tap or drag the slider to select the icon's color, and tap 🆗.

The icon is modified and the monitor display returns to the list of albums.

Tap ↰ to return to the album selection screen without changing settings.

⭐ Choose icon ↰
01 02 03
01 🏠 🏢 ❀ ☺
🐾 🌼 🚗 🍸 🍴
━━━━━━━━━ 🆗

🇻 Notes on Icons for Albums

Choose icons for albums separately for the internal memory and for every memory card used.

- To change the icon for an album containing pictures stored in the internal memory, remove the memory card from the camera.
- The default setting for icons are numbers.

More on Playback

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🖉 **Adding/Viewing Favorite Pictures**

When pictures are added to albums, they are not physically copied to albums or moved from the folder to which they were originally recorded (□ 180). Only the file names of pictures are added to albums. In favorite pictures mode, pictures with file names that have been added to the specified album are played back. Note that deleting a picture (□ 33, 88) played back in favorite pictures mode deletes not only the picture from the album, but also deletes the original picture from the internal memory or memory card permanently.

Adding Pictures to Albums

Internal memory/memory card

0001.JPG 0002.JPG

0003.JPG 0004.JPG

Adds file names →

Album 1

0001.JPG
0002.JPG
0003.JPG

Adds file names →

Album 2

0001.JPG
0004.JPG
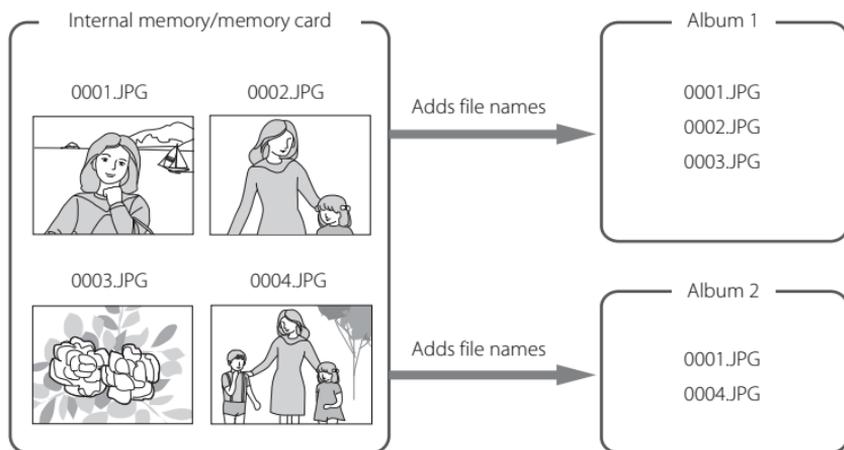
Favorites Picture Playback

Album 1

0001.JPG
0002.JPG
0003.JPG

References files →

Internal memory/ memory card

Playback →

0001.JPG

0002.JPG

0003.JPG

More on Playback
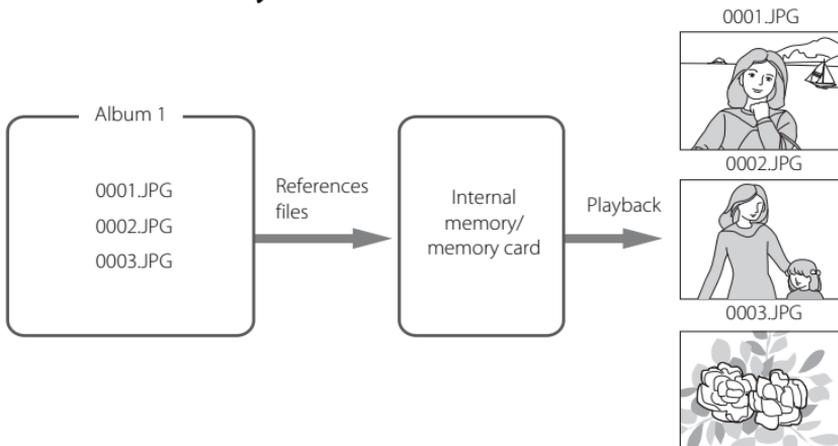
Image Searching in Auto Sort Mode

When shooting pictures and movies, they are automatically sorted to one of the categories shown below. When "🔟 (auto sort) mode" is selected, pictures and movies can be viewed by selecting the category to which they were sorted.

😄 Smile	👤 Portraits	🍴 Food
🏞 Landscape	🌆 Dusk to dawn	🌷 Close-ups
🎬 Movie	☑ Retouched copies	🗔 Other scenes

- In full-frame playback mode, just as with normal playback mode, picture display can be enlarged, pictures can be displayed as thumbnails, and movies can be played back. When the bottom tab is tapped to display the setting controls, settings can be made and editing can be performed on pictures sorted to the specified category (A 96).

Viewing Pictures in Auto Sort Mode

1 Press the ▶ button in playback mode to display the playback-mode selection menu (A 83) and tap 🔟.

A list of categories is displayed.
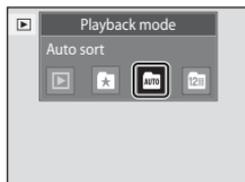
2 Tap the desired category.

For more information on categories, see "Auto Sort Mode Categories" (A 92).

A picture sorted to the selected category will be displayed in full-frame playback mode.

The icon for the category currently selected is displayed.

Repeat steps 1 and 2 to select a different category.

Auto Sort Mode Categories

Category	Description
☺ Smile	Pictures taken in smart portrait mode (□ 73) with the smile timer setting set to **On** are displayed.
👤 Portraits	Pictures taken in ⚫ (auto) mode (□ 52) with the face detection function. Pictures taken in **Portrait***, **Night portrait***, **Party/indoor**, and **Backlighting*** scene mode (□ 61). Pictures taken in smart portrait mode (□ 73) with the smile timer setting set to **Off**.
♯ Food	Pictures taken in **Food** scene mode (□ 61).
🏞 Landscape	Pictures taken in **Landscape*** scene mode (□ 61).
🌆 Dusk to dawn	Pictures taken in **Night landscape***, **Sunset**, **Dusk/dawn**, and **Fireworks show** scene mode (□ 61).
🌷 Close-ups	Pictures taken in ⚫ (auto) mode with the macro mode setting (□ 54). Pictures taken in **Close-up*** scene mode (□ 61).
🎥 Movie	Movies (□ 123).
☑ Retouched copies	Copies created using editing function (□ 108).
☐ Other scenes	All other pictures that cannot be defined by the categories described above are displayed.

* Pictures taken in ⚫ (easy auto) mode (□ 26) are also sorted to the appropriate categories.

❏ Notes on Auto Sort Mode

- Up to 999 pictures and movie files can be sorted to each category in auto sort mode. If 999 pictures or movies have already been sorted to a specific category, new pictures and movies cannot be sorted to that category or displayed in auto sort mode. Display pictures and movies that could not be sorted to a category in normal playback mode (□ 32) or list by date mode (□ 94).
- Pictures or movies copied from the internal memory to a memory card, or vice versa (□ 161), cannot be displayed in auto sort mode.
- Pictures or movies recorded by a camera other than the COOLPIX S1100pj cannot be displayed in auto sort mode.

Operations in Auto Sort Mode

The following operations are available in the category list screen.

To	Use	Description	🕮
Delete all pictures in the selected category	🗑	When the bottom tab is tapped to display the setting controls, and 🗑 is tapped, the category selection screen is displayed. Select the desired category and tap 🆗.	–
Switch to another playback mode	▶	Press the ▶ button to display the playback-mode selection menu.	83
Switch to shooting mode	🄰 ● ↓ 🖱	Press the 🄰 button, ● (movie-record) button, or shutter-release button.	32

More on Playback

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Selecting Pictures Taken on a Specific Day (List by Date Mode)

In "📅 list by date mode", pictures taken on a same date can be played back.

- In full-frame playback mode, just as with normal playback mode, picture display can be enlarged, pictures can be displayed as thumbnails, and movies can be played back. When the bottom tab is tapped to display the setting controls, settings can be made and editing can be performed on pictures taken on a specific day (□ 96).

Selecting a Date in List by Date Mode

1 Press the ▶ button in playback mode to display the playback-mode selection menu (□ 83) and tap 📅.

Dates for which pictures exist are listed.

▶	Playback mode
	List by date
▶ 🌟 AUTO 📅	
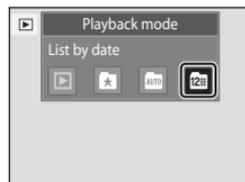
2 Tap the desired date.

To change the displayed month, tap ◀ or ▶.

📅			List by date			
						2010/11
Sun	Mon	Tue	Wed	Thu	Fri	Sat
◀	1	2	3	4	5	6	▶
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

The first picture taken on the selected date will be displayed full-frame.

Repeat steps 1 and 2 to select a different date.

📅 15/11/2010 15:30 🖼
0004. JPG

⚠ Notes on List by Date Mode

- Up to 9,000 of the most recently recorded pictures can be displayed in list by date mode.
- Pictures taken before the date and time have been set are recognized as having been taken on January 1, 2010.

More on Playback

Operations in List by Date Mode

The following operations are available in the list by date screen.

To	Use	Description	$\square$
Change the month	◀ or ▶	Tap ◀ or ▶.	–
Delete all pictures in the selected date	🗑	When the bottom tab is tapped to display the setting controls, and 🗑 is tapped, the date selection screen is displayed. Select the desired date and tap **OK**.	–
Switch to another playback mode	▶	Press the ▶ button to display the playback-mode selection menu.	83
Switch to shooting mode	◻ ● ↓ 🖱	Press the ◻ button, ● (movie-record) button, or shutter-release button.	32

More on Playback

Playback Options

To adjust picture settings or edit pictures, tap the tab in full-frame playback mode to display the setting controls.

- The controls available and monitor display vary depending upon the current picture and camera settings.
- Tap the icon of the desired item to display the setting screen for that item.
- Tap the tab again to hide the setting controls.
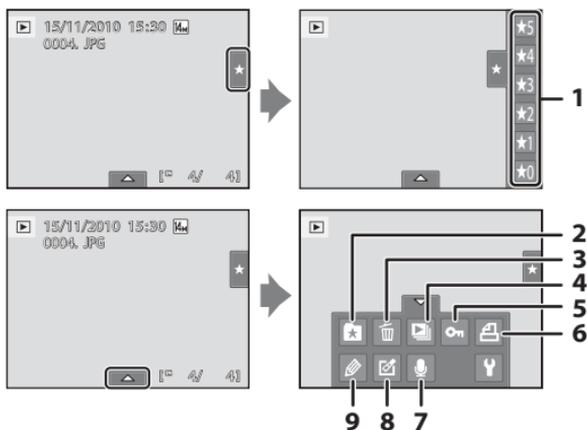
1	Rating* 97	**5**	**On** Protect* 99
2	★ Add pictures to albums (except in favorite pictures mode) .... 84 Remove pictures from albums (in favorite pictures mode) 87	**6**	**凸** DPOF print order* 101
		7	**♦** Voice memo 106
		8	**☑** Retouch .... 108 **⟳** Rotate image 105
3	**面** Delete* 33		
4	**☐** Slide show* 98	**9**	**✎** Paint 110

* This function can also be performed in thumbnail playback mode. If the camera is switched to thumbnail playback mode while pictures are played back in favorite pictures, auto sort, or list by date mode, this function can be performed only on the pictures sorted to the selected folder, category or date.

Setting the Picture Rating

A rating of one to five can be assigned to each picture. It is also possible to play back only the pictures that have been assigned a specific rating.

1 Tap the right tab in full-frame playback ($\square$ 79) or thumbnail playback ($\square$ 80) mode.

See "Operating the Tabs" ($\square$ 16) for more information.

2 Drag and drop ($\square$ 10) the desired rating icon onto the picture.

Rating is applied.

Drag and drop another icon to change the rating.

Drag and drop ★0 to cancel the rating.

A picture's rating can be confirmed by the number of ☆ shown in full-frame playback mode.
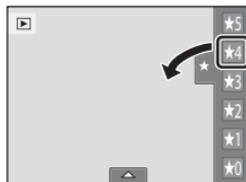
Playing Back Pictures by Rating

1 Tap the right tab in full-frame playback ($\square$ 79) or thumbnail playback ($\square$ 80) mode.

2 Tap a rating icon to display the pictures with that rating.

The icon of the tapped rating turns yellow, and only the pictures assigned with the selected rating are displayed. Multiple ratings can be selected.

To stop displaying pictures of a selected rating, tap the icon of the rating to deselect it.

To stop playback by rating, select or deselect all ratings.

Notes on the Rating

- Each rating can be applied to a maximum of 999 pictures.
- Rating cannot be applied to movies.
- The ratings applied on the COOLPIX S1100pj are not recognized by your computer.

More on Playback

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c Enjoying Slide Show

Play back pictures stored in the internal memory or on a memory card one by one in an automated "slide show."

1 Tap the bottom tab in playback mode to display the setting controls, and tap c.

2 Tap **Start**.

To change the effect, tap **Effects** before selecting **Start**, and select from **Classic** or **Zoom**.

To repeat the slide show automatically, tap **Loop** before tapping **Start**. A check mark (✔) will be added to the loop option when enabled.

Tap 📷 to play back sample images stored in the camera with an automatic loop function.

To exit without playing back pictures in a slide show, tap ⬅.

Slide show		⬅
Effects		DEMO
Start		
☐ Loop		

3 The slide show begins.

Tap the monitor to display the operation panel at the bottom of the screen.

Tap the icons in the operation panel to perform the corresponding operation. The following operations are available.

To	Tap	Description
Adjust volume	🔊	Adjust the volume of background music.
Rewind	◀◀	Tap and hold ◀◀ to rewind slide show.
Advance	▶▶	Tap and hold ▶▶ to advance slide show.
Pause	⏸	Pause playback. • To resume playback, tap ▶ displayed at the center of the screen.
End	⬛	End slide show.

B Notes on Slide Show

- Only the first frame of movies included in slide shows is displayed.
- Even when **Loop** is selected, the slide show will only be played for a maximum of 30 minutes (A 153).

More on Playback

98

d Protecting Important Pictures (Protect)

Protect selected pictures from accidental deletion. Protected pictures are recognized by the ☜ icon (□ 14) in playback mode.

Protecting One Picture

1 Select the desired picture to be protected in full-frame playback mode and tap the bottom tab.

2 Tap d.

3 Tap **On**.

The selected picture is protected.

To exit without protecting pictures, tap ⊡.
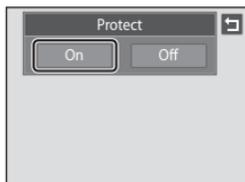
More on Playback

☑ Note on Protecting Pictures

Note that formatting the camera's internal memory or the memory card will permanently delete protected files (□ 154).

Protecting Multiple Pictures

Multiple pictures can be protected at a time.

1 Switch to thumbnail playback mode (□ 80), tap the bottom tab to display the setting controls, and tap ○┓.

The monitor display switches to the **Protect** screen.

2 Tap the desired pictures to be protected.

When a picture is selected, a check mark is displayed. To cancel the selection, tap the picture again.

Tap ⊕ or ⊖, or rotate the zoom control to **T** or **W** to change the number of pictures displayed.

3 Tap ☐.

The selected pictures are protected.

To exit without protecting pictures, tap ☐.

Removing Protection from Pictures

- To remove protection from a picture, display a protected picture in full-frame playback mode, follow the procedure in "Protecting One Picture" (□ 99), and tap **Off** in step 3.
- To remove protection from multiple pictures at a time, uncheck protected pictures in step 2 of "Protecting Multiple Pictures".

More on Playback

100

𝗔 **Creating a DPOF Print Order: Print Set**

When printing pictures stored on the memory card using any of the following methods, the **Print set** option in the playback menu is used to create digital "print orders" for printing on DPOF-compatible devices.

- Inserting the memory card into a DPOF-compatible (A 197) printer's card slot
- Taking the memory card to a digital photo lab
- Connecting the camera to a PictBridge-compatible (A 197) printer (A 136). A print order can also be created for pictures stored in the internal memory if the memory card is removed from the camera

Creating a Print Order for One Picture

1 Select the desired picture in full-frame playback mode and tap the bottom tab.

2 Tap 𝗔.

3 Tap the desired number of copies and tap 🆗.

To exit without making the print setting, tap ⏏.

If the total number of pictures in a print order, including pictures just added, exceeds 99, the screen shown at right will be displayed.

- Tap **Yes** to remove pictures previously added from the print order and restrict the print order to pictures just marked.
- Tap **Cancel** to remove the pictures just added from the print order and restrict the print order to pictures previously marked.

More on Playback

4 Choose whether or not to print shooting date and photo information.

Tap **Date** to place ✔ in the checkbox to imprint the shooting date on the picture.

Tap **Info** to place ✔ in the checkbox to imprint the photo information (shutter speed and aperture) on the picture.

Tap **OK** to complete the print order.
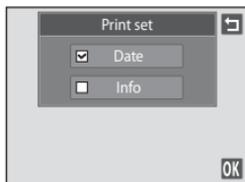
Pictures selected for printing are recognized by the 🖨 icon displayed with playback.

Creating a Print Order for Multiple Pictures

1 Switch to thumbnail playback mode (A 80),
tap the bottom tab to display the setting
controls, and tap A.

The monitor display switches to the print set screen.

2 Tap the desired pictures to print (up to 99)
and tap A or B at the upper left in the
monitor to specify the number of copies (up
to nine) for each.

Pictures selected for printing can be recognized by the
check mark (Y) and the numeral indicating the number
of copies to be printed. If no copies have been specified
for pictures, the selection is canceled.

Tap Q or Q, or rotate the zoom control to **T** or **W** to change the number of pictures
displayed.

Tap ⌦ to remove print marking from all pictures and cancel the print order.

Tap ⌧ when setting is complete.

3 Choose whether or not to print shooting date
and photo information.

Tap **Date** to place Y in the checkbox to imprint the
shooting date on all pictures in the print order.

Tap **Info** to place Y in the checkbox to imprint the
photo information (shutter speed and aperture) on all
pictures in the print order.

Tap ⌧ to complete the print order.

More on Playback

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Canceling Print Order

- To remove a print marking from a picture, display a picture selected for printing in full-frame playback mode, follow the procedure in "Creating a Print Order for One Picture" (A 101), and tap "0" in step 3.
- To remove print markings from multiple pictures at a time, remove the print markings of the desired pictures in step 2 of "Creating a Print Order for Multiple Pictures" (A 103). Tap ⚏ to remove print markings from all pictures.

B Notes on Printing Shooting Date and Photo Information

When the **Date** and **Info** options are enabled in the print set option, shooting date and photo information are printed on pictures when a DPOF-compatible printer (A 197) that supports printing of shooting date and photo information is used.

- Photo information cannot be printed when the camera is connected directly to a printer, via the supplied USB cable, for DPOF printing (A 141).
- Note that **Date** and **Info** settings are reset when the print set option is displayed.
- The date printed is that recorded when the picture was taken. Changing the camera's date using the **Date** option in the setup menu after a picture has been taken has no effect on the date printed on the picture.

C Date Imprint

When date and time of recording are imprinted on pictures using the **Date imprint** option (A 149) in the setup menu, pictures are recorded with shooting date and time imprinted on the picture when they are taken. Pictures with the date imprinted on them can be printed from printers that do not support printing of the date on pictures.

Only the date and time imprinted on pictures with the date imprint option will be printed, even if the **Print set** date option is enabled.

图 **Rotate Image**

Specify the orientation in which recorded pictures are displayed with playback. Still pictures can be rotated 90 degrees clockwise or 90 degrees counterclockwise. Pictures that were recorded in portrait ("tall") orientation can be rotated up to 180 degrees in either direction.

1 Select a picture in the full-frame playback mode (□ 79), tap the bottom tab to display the setting controls, and tap 🗹.

The retouch menu is displayed.

2 Tap 图.

The rotate image screen is displayed.
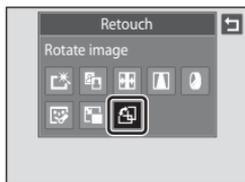
3 Tap 🔄 or 🔁.
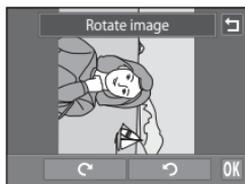
Rotate 90 degrees clockwise
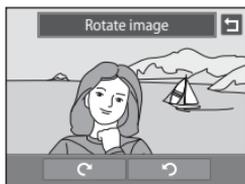
Rotate 90 degrees counterclockwise

The picture rotates 90 degrees.

Tap 🆗 to finalize display orientation and save the orientation information with the picture.

To exit without rotating image, tap 🔚.

More on Playback

105

E Voice Memos: Recording and Playback

Use the camera's built-in microphone to record voice memos for pictures.

Recording Voice Memos

1 Select the desired picture from full-frame playback mode (□ 79) and tap the bottom tab.

2 Tap E.

The screen for recording voice memos is displayed.

3 Tap ■ to record a voice memo.

Recording ends after about 20 seconds.

Do not touch the built-in microphone during recording.

To exit without recording voice memos, tap ⬛.

During recording, **REC** blinks in the monitor.

Recording ends when ■ is tapped during recording.

When recording ends, the voice memo playback screen is displayed. Follow the instructions in step 3 of "Playing Voice Memos" (□ 107) to play the voice memo.

More on Playback

Playing Voice Memos

Pictures for which voice memos have been recorded are indicated by [E] in full-frame playback mode.

1 Select the desired picture from full-frame playback mode (□ 79) and tap the bottom tab.

2 Tap E.

The voice memo playback screen is displayed.

3 Tap 🖸 to play the voice memo.

Tap 🖸 to stop playback.

Tap 🔊 during playback to adjust playback volume.

♪ blinks during playback.

To exit without playing voice memos, tap 🔄.

Deleting Voice Memos

Tap 🗑 in step 3 of "Playing Voice Memos". Tap **Yes** to delete only the voice memo.

File will be deleted. OK?

Yes   No
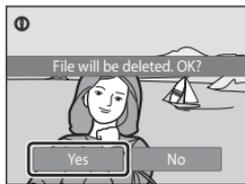
⚠ Notes on Voice Memos

- When a picture with a voice memo attached is deleted, both the picture and its voice memo are deleted.
- If a voice memo already exists for the current picture, it must be deleted before a new voice memo can be recorded.
- The COOLPIX S1100pj is not able to record a voice memo for pictures taken with another make or model of digital camera.

More on Playback

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Editing Functions

Use the COOLPIX S1100pj to edit pictures in-camera and store them as separate files ($\square$ 180). The editing functions described below are available.

Editing function	Description
Paint ($\square$ 110)	Draw on pictures, or add decorations, to pictures.
Quick retouch ($\square$ 113)	Easily create retouched copies in which contrast and saturation have been enhanced.
D-Lighting ($\square$ 114)	Create a copy of the current picture with enhanced brightness and contrast, brightening dark portions of the picture.
Stretch ($\square$ 115)	Stretch the current picture horizontally to make the subject appear thinner or wider.
Perspective control ($\square$ 116)	Adjust the perspective of pictures taken in landscape orientation. Apply perspective control similar to that available with shift lenses. This option is suited to pictures of buildings or architecture.
Filter effects ($\square$ 117)	Apply a variety of effects using digital filter. The available effects are **Color options**, **Soft**, **Selective color**, **Cross screen**, **Fisheye**, and **Miniature effect**.
Glamour retouch ($\square$ 119)	Make facial skin tone softer and optionally make faces look smaller with larger eyes.
Small picture ($\square$ 121)	Create a small copy of pictures suitable for use as e-mail attachments.
Crop ($\square$ 122)	Crop a portion of the picture. Use to zoom in on a subject or arrange a composition.

See page 105 for the rotate image function for more information.

B Notes on Picture Editing

- Pictures taken at an **Image mode** setting ($\square$ 39) of 📷 **3968×2232** cannot be edited.
- The editing functions of COOLPIX S1100pj cannot be used for pictures taken with another make or model of digital cameras.
- If no face is detected in a picture, a copy cannot be created using the glamour retouch function ($\square$ 119).
- Edited copies created with COOLPIX S1100pj may not be displayed properly on a different model of digital camera. It may also be impossible to transfer them to a computer using a different model of digital camera.
- Editing functions are not available when there is not enough free space in the internal memory or on the memory card to store the edited copies.

🖉 **Restrictions on Picture Editing**

When an edited copy is further modified with another editing function, check the following restrictions.

Editing function used	Editing function to add
Paint	The paint, small picture, or crop function can be added.
Quick retouch D-Lighting Stretch Perspective control Filter effects	The paint, small picture, glamour retouch, or crop function can be added.
Glamour retouch	The editing functions other than glamour retouch can be added.
Small picture	Another editing function cannot be added.
Crop	Another editing function cannot be added. However, the paint function can be applied to cropped copies saved at an image size of 640 × 480 pixels or larger.

- Copies created with editing functions other than the paint function cannot be further edited with the same function used to create them.
- When combining the small picture or crop function and another editing function, use the small picture and crop functions after other editing functions have been applied.
- Retouch effects such as the glamour retouch function's skin softening effect can be applied to pictures take with the skin softening function (□ 75).

🔍 **Original and Edited Pictures**

- Copies created with editing functions are not deleted if the original pictures are deleted. The original pictures are not deleted if copies created with editing functions are deleted.
- Edited copies are stored with the same recording date and time as the original.
- The rating settings (□ 97), protect settings (□ 99), and print markings (□ 101) of the original image are not applied to edited copies.

Editing Pictures

Picture Editing

✐ Paint

Draw on pictures or decorate them. Shooting date decoration can also be added.
Painted copies are stored as separate files.

1 Select a picture in full-frame playback mode
(⌷ 79), tap the bottom tab to display the
setting controls, and tap ✐.

2 Use the ✐, ◇, ⬛, and ▣ tools to paint
pictures.

For more information about using each tool, see "Write
and Draw on Pictures" (⌷ 111).

Tap 🔍 to display the picture in full-frame playback mode
and tap 🔍 again to enlarge the picture display by 3×.
Tap ⬆, ➡, ⬇, or ◀ to change the portion of the
picture in the monitor. Tap 🔍 to return to the original
display size.

Tap ⮌ to undo the last operation applied using the pen,
eraser, or decoration tool (up to the last five operations
can be undone).

Undo

Frame

Decoration

Eraser

Pen

3 Tap 🆗.

Editing Pictures
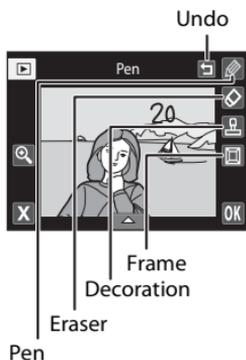
4 Tap **Yes**.

A new, painted copy is created.

Pictures taken at an **Image mode** setting (□ 39) of **3M 2048×1536** or larger are saved at a size of 2048 × 1536 and pictures taken at **PC 1024×768** or **VGA 640×480** are saved at a size of 640 × 480.

To exit without saving the copy, tap **No**.

Painted copies can be recognized by the ✍ icon displayed during playback.
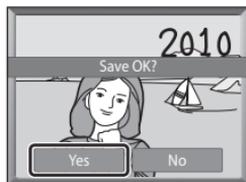
Using the Paint Tools

Write and Draw on Pictures

Tap ✍ to write or draw on pictures.

To change the pens' color or thickness, tap the bottom tab to display the screen shown at right.

- Tap or drag the pen's color slider to select pen's color.
- Tap the pen's thickness slider to select pen's thickness.
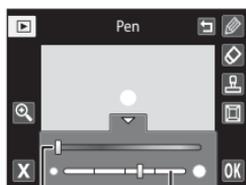
Pen's color   Pen's thickness

Erase Paint Tool Additions

Tap ◈ to erase additions to pictures using the paint or decoration tool.

To change the eraser's size, tap the bottom tab to display the screen shown at right.

- Tap the eraser's size slider to select the size of the eraser.

Eraser's size

Editing Pictures

111
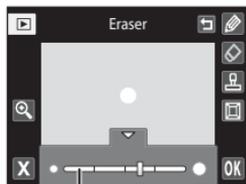
Add Decorations

Tap 🖼 to add a decoration.

To change the decoration type or size, tap the bottom tab to display the screen shown at right.

- Decoration type can be selected from 14 types.
- Tap the decoration size slider to select the decoration size.
- When 🎂 is selected for the decoration type, 📅 (day, month, year) and 🕐 (day, month, year, time) options are available.

Decoration type
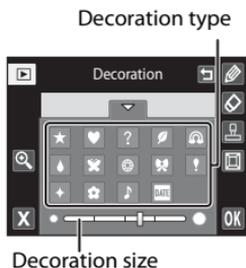
Decoration size

Add a Frame

Tap 🖼 to add a frame around the picture.

- Tap ◀ or ▶ to display seven different frames one at a time. Tap 🆗 to select a frame.
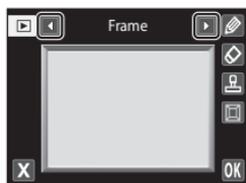
⚠ Notes on Shooting Date Decoration

- When the shooting date decoration is added to pictures taken at an **Image mode** setting (□ 39) of 🖼 **640×480**, the shooting date may be difficult to read. Set **Image mode** to 🖼 **1024×768** or larger when shooting.
- The date added with the shooting date decoration uses the format selected in the setup menu's **Date** item (□ 145).
- The date and time added with the shooting date decoration are the date and time at which the picture was taken. These cannot be changed.

🔍 More Information

See "Image/Sound File and Folder Names" (□ 180) for more information.

Editing Pictures

E Quick Retouch: Enhancing Contrast and Saturation

Quick retouch can be used to easily create retouched copies in which contrast and saturation have been enhanced. Copies created with the quick retouch function are stored as separate files.

1 Select a picture in full-frame playback mode (□ 79), tap the bottom tab to display the setting controls, and tap ☑.

The retouch menu is displayed.

2 Tap E.
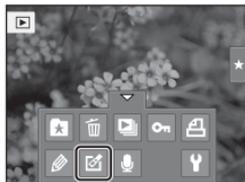
The screen for selecting the degree of enhancement is displayed.

3 Choose the degree of enhancement performed and tap OK.
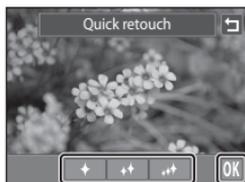
4 Tap **Yes**.

A new retouched copy is created.

To exit without saving the copy, tap **No**.

Copies created with the quick retouch option can be recognized by the 🖺 icon displayed in playback mode.

✐ More Information

See "Image/Sound File and Folder Names" (□ 180) for more information.

ᴱᴴ **D-Lighting: Enhancing Brightness and Contrast**

D-Lighting can be used to create copies with enhanced brightness and contrast, brightening dark portions of a picture. New copies are stored as separate files.

1 Select a picture in full-frame playback mode (🖵 79), tap the bottom tab to display the setting controls, and tap 🖋.

The retouch menu is displayed.

2 Tap ᴱᴴ.

The original version will be shown on the left and the edited version will be shown on the right.

3 Tap 🆗.
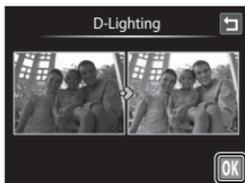
4 Tap **Yes**.

A new, edited copy is created.

To exit without saving the copy, tap **No**.

Copies created with the D-Lighting function can be recognized by the ᴱᴴ icon displayed in playback mode.

💽 **More Information**

See "Image/Sound File and Folder Names" (🖵 180) for more information.

⬌ Stretch: Stretching Pictures

Stretch pictures horizontally. Stretched copies are stored as separate files.

1 Select a picture in full-frame playback mode (□ 79), tap the bottom tab to display the setting controls, and tap ☑.

The retouch menu is displayed.

2 Tap ⬌.
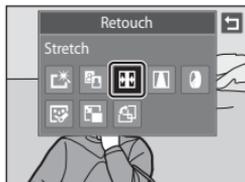
3 Tap ▯ or ▢, or tap or drag the slider at the bottom of the screen to adjust stretch effect.
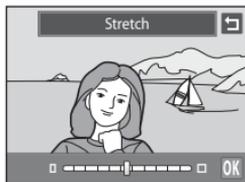
4 Tap ☒.
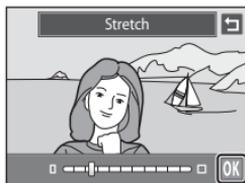
5 Tap **Yes**.

A new, stretched copy is created.

To exit without saving the copy, tap **No**.

Stretched copies can be recognized by the ⬌ icon displayed in playback mode.
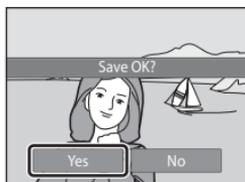
🔍 More Information

See "Image/Sound File and Folder Names" (□ 180) for more information.

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⬆ **Perspective Control: Adjusting a Sense of Perspective**

Adjust the sense of perspective in the picture taken in landscape orientation.
Copies created with the perspective control function are stored as separate files.

1 Select a picture in full-frame playback mode
(□ 79), tap the bottom tab to display the
setting controls, and tap ⬚.

The retouch menu is displayed.

2 Tap ⬆.

3 Tap Δ or ▽, or tap or drag the slider at the
bottom of the screen to adjust perspective
control.
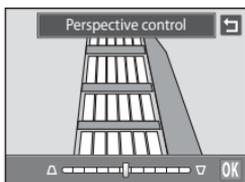
4 Tap **OK**.
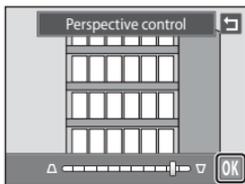
5 Tap **Yes**.

A new, edited copy is created.

To exit without saving the copy, tap **No**.

Copies created using the perspective control function can
be recognized by the ⬆ icon displayed in playback mode.
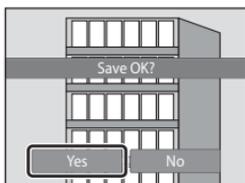
🔍 **More Information**

See "Image/Sound File and Folder Names" (□ 180) for more information.

🎨 Filter Effects (Digital Filter)

Apply a variety of effects using digital filter. The available effects are **Color options**, **Soft**, **Selective color**, **Cross screen**, **Fisheye**, or **Miniature effect**. New copies are stored as separate files.

1 Select a picture in full-frame playback mode (□ 79), tap the bottom tab to display the setting controls, and tap 🖋.

The retouch menu is displayed.

2 Tap 🎨.
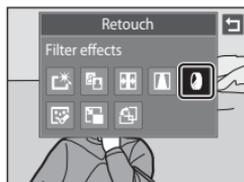
3 Tap ◀ or ▶ to select the type of the effects.

Type	Description	
Color options	Modify color tones. • Select option from 𝒢ᵢ (vivid color), 𝒢ᴮ (black-and-white), 𝒢ᴇ (sepia), or 𝒢c (cyanotype), and tap 🆗.	
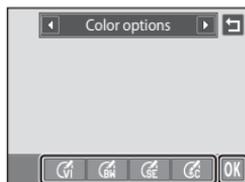
Type	Description
Soft	Give the picture a soft look by blurring the area surrounding the point that is tapped. • Tap the monitor, select the degree of effects, and tap OK.
Selective color	Keep one specified color in the picture, and change the other colors to black and white. • Tap the color slider displayed on the screen to select the color to keep, and tap OK.
Cross screen	Produce star-like rays of light that radiate outward from bright objects such as sunlight reflections and city lights. This effect is suitable for night scenes. • Confirm the degree of enhancement, and tap OK.
Fisheye	Make a picture look as if it were taken with a fisheye lens. This effect is well-suited for pictures taken in macro mode. • Confirm the degree of enhancement, and tap OK.
Miniature effect	Make a picture look like a miniature scene taken in macro mode. This effect is well-suited for pictures taken from a high vantage point with the main subject at the center of the picture. • Confirm the degree of enhancement, and tap OK.

A confirmation screen for saving the edited copy is displayed.

Tap 🔄 to return to the retouch menu without making any changes.

4 Tap **Yes** in the confirmation dialog.

A new, edited copy is created.

To exit without saving the copy, tap **No**.

Copies created using the filter effects function can be recognized by the 🕲 icon displayed in playback mode.

🔍 More Information

See "Image/Sound File and Folder Names" (□ 180) for more information.

E Glamour Retouch

Glamour retouch can be used to soften the skin tone of faces detected in a picture and make the faces look smaller with wider eyes. New copies are stored as separate files.

1 Select a picture in full-frame playback mode (□ 79), tap the bottom tab to display the setting controls, and tap ☑.

The retouch menu is displayed.

2 Tap E.
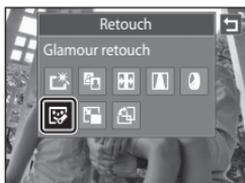
3 Tap 🔲 (skin softening) or 🔳 (both).

🔲: Soften facial skin tones.

🔳: Soften facial skin tones, make faces look smaller, and make eyes look larger.

The preview screen is displayed.

4 Preview the result of the effects.

Skin tones in up to 12 faces, in the order of that closest to the center of the frame, are softened.

Tap **Before** or **After** to view the picture with or without the effects.

If more than one face was retouched, tap 🔲 or 🔲 to display a different face.

To change the effect, tap 🔲 to return to step 3.

Tap 🔳 to display the confirmation dialog for saving the new copy.
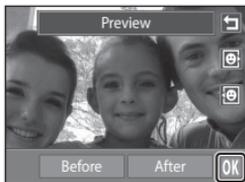
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5 Tap **Yes**.

A new, edited copy is created.

To exit without saving the copy, tap **No**.

Copies created using the glamour retouch function can be recognized by the 🖼 icon displayed in playback mode.

Save OK?

Yes   No

B **Notes on Glamour Retouch**

- **•** If no faces are detected in the picture, the glamour retouch function cannot be used.
- **•** The glamour retouch function may not perform as expected depending on the direction in which the faces are looking or the brightness of the faces in the picture.

🔍 **More Information**

See "Image/Sound File and Folder Names" (A 180) for more information.

Editing Pictures

E Small Picture: Making Smaller Pictures

Create a small copy of the current picture. This feature is useful for creating copies for display on Web pages or e-mail attachments. Small copies are stored as JPEG files with a compression ratio of 1:16. The ▣ **640×480**, ▣ **320×240**, and ▢ **160×120** sizes are available.

1 Select a picture in full-frame playback mode (□ 79), tap the bottom tab to display the setting controls, and tap ⌧.

The retouch menu is displayed.

2 Tap E.
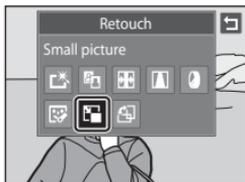
3 Tap the desired small copy size control and tap ☑.

4 Tap **Yes**.

A new, small copy is created.

To exit without saving the copy, tap **No**.

The copy is displayed with a gray frame.

🔍 More Information

See "Image/Sound File and Folder Names" (□ 180) for more information.

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✂ Crop: Creating a Cropped Copy

Create a copy containing only the portion visible in the monitor when ✂ is displayed with playback zoom (□ 82) enabled. Cropped copies are stored as separate files.

1 Rotate the zoom control to **T** (Q) in full-frame playback mode (□ 79) to zoom in on the image.

To crop a picture displayed in "tall" (portrait) orientation, zoom in on the picture until the black bars displayed on the both sides of the monitor disappear. The cropped picture will be displayed in landscape orientation.
To crop the picture in its current "tall" (portrait) orientation, first rotate the picture (□ 105) so that it is displayed in landscape orientation. Next, enlarge the picture for cropping, crop the picture, and then rotate the cropped picture back to "tall" (portrait) orientation.
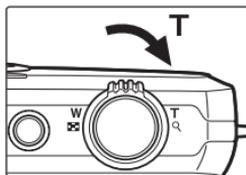
2 Refine copy composition.

Rotate the zoom control to **T** (Q) or **W** (▣) to adjust the zoom ratio.

Drag the picture so that only the portion to be copied is visible in the monitor.

3 Tap ✂.

4 Tap **Yes**.

A cropped copy is created.

To exit without saving the copy, tap **No**.

Copies created using the crop function can be recognized by the ✂ icon displayed in playback mode.

Save this image as displayed?

Yes   No

🖉 Image Size

As the area to be saved is reduced, the image size (pixels) of the cropped copy is also reduced. When the size of the cropped copy is 320 × 240 or 160 × 120, a gray frame is displayed around the picture, and the small picture icon ▣ is displayed on the top of the screen in full-frame playback mode.

🔍 More Information

See "Image/Sound File and Folder Names" (□ 180) for more information.

Editing Pictures

Recording Movies

High-definition movies with sound recorded via the built-in microphone can be recorded.

- The maximum recording time for a single movie is 29 minutes, even when there is sufficient free space on the memory card for longer recording ($\Box$ 126).

1 Turn on the camera and be sure that it is in shooting mode.

Movies can be recorded in any shooting mode ($\Box$ 49).

2 Press the ● (movie-record) button to start movie recording.

Recording begins after the monitor turns off briefly.

The camera focuses at the center of the frame. Focus areas are not displayed during recording.

When 翻 **HD 720p (1280×720)** (default setting) is selected for **Movie options** ($\Box$ 125), monitor display changes to an aspect ratio of 16:9 with movie recording (the area indicated at right is recorded).

The approximate remaining movie length is displayed during recording.

Recording stops automatically when the maximum movie length has been recorded.
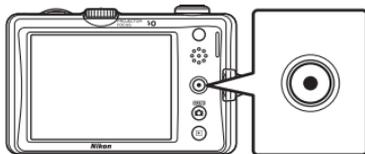
3 Press the ● (movie-record) button again to end recording.

⚠ Note on Saving Movies

After a movie has been recorded, it is not fully saved to the internal memory or memory card until monitor display returns to the shooting display. ***Do not open the battery-chamber/memory card slot cover*** before movies have been fully saved. Removing the memory card while movies are being saved could result in loss of data or in damage to the camera or card.

Movie Recording and Playback

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⚠ Recording Movies

- Memory cards with an SD Speed Class rating of 6 or faster are recommended when recording movies (□ 179). Movie recording may stop unexpectedly when memory cards with a lower Speed Class ratings are used.
- Digital zoom deteriorates picture quality. If digital zoom is not used when movie recording is started and the zoom control is rotated continuously in the **T** direction, the zoom stops at the maximum optical zoom ratio. Release the zoom control and rotate it again in the **T** direction to trigger digital zoom. Digital zoom is canceled when movie recording is finished.
- In some cases, movie recordings may capture the sounds of the camera, such as the sounds produced by the zoom control operation, the movement of the lens during auto focus or zoom, the vibration reduction function, or the aperture control when the brightness changes.
- Smear (□ 177) visible in the monitor with movie recording will be recorded with movies. Avoiding bright objects such as the sun, reflections of the sun, and electric lights when recording movies is recommended.
- When recording or playing back movies, colored stripes (interference patterns or moiré) may appear on subjects that have a regular, repeating grid, such as pattern of weave in cloths or windows in a building, depending on the shooting distance or zoom ratio. This phenomenon occurs when the subject's pattern interferes with the camera sensor grid, and it does not indicate a malfunction.

⚠ Notes on Autofocus for Movie Recording

- When ⚙ **Single AF** (default setting) is selected for **Movie AF mode** in the setup menu, focus is locked by pressing the ● (movie-record) button to start recording (□ 127).
- Autofocus may not perform as expected (□ 31). Should this occur, try the following:
  1. Set **Movie AF mode** in the setup menu to ⚙ **Single AF** (default setting) before starting movie recording.
  2. Frame a different subject (positioned at the same distance from the camera as the intended subject) in the center of the frame, press the ● (movie-record) button to start recording, and then modify the composition.

🖊 Functions Available with Movie Recording

- Current exposure compensation setting, white balance setting specified for ○ (auto) mode, and the scene effect adjustment slider specified for scene mode setting are also applied with movie recording. When macro mode is enabled, movies of subjects closer to the camera can be recorded. Confirm settings before starting movie recording.
- The self-timer (□ 37) can be used. When the ● (movie-record) button is pressed after the self-timer is enabled, the camera focuses after ten or tow seconds, and then the movie recording starts.
- The flash will not fire.
- The **Movie options**, **Movie light**, or **Movie AF mode** setting can be made before starting movie recording (□ 125).

Changing the Movie Recording Settings

The movie settings described below can be made. Apply the settings before starting movie recording.

🎥	Movie options	☐ 125

Select the desired movie option for recording movies.

🎥	Movie light	☐ 126

Enable or disable the movie light when recording movies.

🎥AF	Movie AF mode	☐ 127

Choose how the camera focuses when recording movies.

🎥 Movie Options

In the shooting screen ➔ Tap the bottom tab (☐ 16) ➔ 🎥 Movie options

Select the desired movie option to record. Larger image sizes and faster movie bitrates mean greater image quality and larger movie file sizes.

Option	Description
🎬 HD 720p (1280×720) (default setting)	Movies with an aspect ratio of 16:9 are recorded in high definition. This option is suited to playback on a wide screen TV. • Image size: 1280 × 720 pixels • Movie bitrate: 9 Mbps
🎬 VGA (640 × 480)	Movies with an aspect ratio of 4:3 are recorded. • Image size: 640 × 480 pixels • Movie bitrate: 3 Mbps
🎬 QVGA (320 × 240)	Movies with an aspect ratio of 4:3 are recorded. • Image size: 320 × 240 pixels • Movie bitrate: 640 kbps

- The movie bit rate is the volume of movie data recorded per second. As a variable bit rate (VBR) system has been adopted, the movie recording rate varies automatically according to the subject so that more data is recorded per second for movies containing frequently moving subjects, thus increasing movie file size.
- The frame rate is approximately 30 frames per second in any options.

Movie Recording and Playback

📝 **Movie Options and Maximum Movie Length**

Option	Internal memory (approx. 79 MB)	Memory card* (4 GB)
📹 HD 720p (1280×720) (default setting)	1 min 4 s	55 min
📹 VGA (640 × 480)	3 min	2 h 40 min
📹 QVGA (320 × 240)	8 min 26 s	10 h 10 min

All figures are approximate. The maximum recording time may vary by make of memory card or movie bit rate.

* The maximum recording time for a single movie is 29 minutes. The maximum movie length displayed during recording is 29 minutes, even when there is enough free space on the memory card for a longer movie.

📖 **More Information**

See "Image/Sound File and Folder Names" (□ 180) for more information.

📹 Movie Light

In the shooting or playback screen ➔ Tap the bottom tab (□ 143) ➔
Tap 🔧 (Setup menu) ➔ 📹 Movie light

Enable or disable the movie light, which is used to illuminate dimly lit subjects when recording movies.

On

    Movie light will light during movie recording.

Off (default setting)

    Movie light does not light.

🎬AF Movie AF Mode

In the shooting or playback screen ➔ Tap the bottom tab (□ 143) ➔
Tap 🔧 (Setup menu) ➔ 🎬AF Movie AF mode

Choose how the camera focuses with recording movies.

Option	Description
🎬AF Single AF (default setting)	Focus is locked when the ● (movie-record) button is pressed to start recording. Select this option when the distance between the camera and the subject will remain fairly consistent.
🎬AF Full-time AF	Camera focuses continuously during movie recording. Select this option when the distance between the camera and the subject will change. To prevent sound of camera focusing from interfering with recording, use of **Single AF** is recommended.

Movie Playback

In full-frame playback mode (□ 79), movies are recognized by **⬛** icon. Tap **⬛** to play a movie.
To adjust the volume before playback, tap the bottom tab to display the setting controls and tap 🔊.

Tap the monitor during playback to display the playback control panel at the bottom in the monitor.
Tap a playback control to perform the corresponding operation. The operations described below are available.

During playback
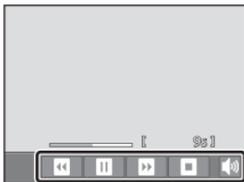
To	Use	Description
Volume	🔊	Tap 🔊 to adjust volume.
Rewind	◀◀	Touch and hold ◀◀ to rewind movie.
Advance	▶▶	Touch and hold ▶▶ to advance movie.
Pause	⏸	Tap ⏸ to pause playback. The following operations can be performed while playback is paused.
		◀| Tap ◀| to rewind movie one frame. Touch and hold ◀| for continuous rewinding.
		|▶ Tap |▶ to advance movie one frame. Touch and hold |▶ for continuous advancing.
		▶ Tap ▶ displayed at the center of the screen to resume playback.
End	◼	Tap ◼ to end movie playback and return to full-frame playback mode.

⚠ Movie Playback

Movies recorded by a camera other than the COOLPIX S1100pj cannot be played back.

✐ Deleting Movie

See "Deleting Unwanted Pictures" (□ 33) for more information.

Movie Recording and Playback

Connecting to a TV

Connect the camera to a television using the supplied audio/video cable to play back pictures full-frame or in a slide show, or to play back movies, on a television.

1 Turn off the camera.
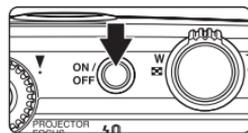
2 Connect the camera to the TV using the supplied audio/video cable.

Connect the yellow plug to the video-in jack and the white plug to the audio-in jack on the TV.

VIDEO AUDIO

Yellow White
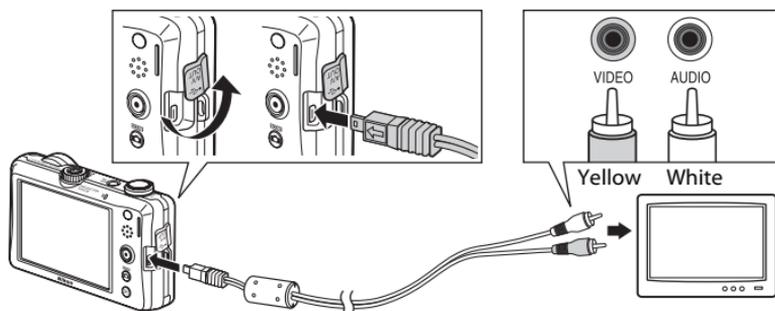
3 Tune the television to the video channel.

See the documentation provided with your television for details.

4 Hold down the ▶ button to turn on the camera.

The camera enters playback mode and pictures are displayed on the television.

The camera monitor turns off when pictures are displayed on the television.

See "Operations with TV Connection" (□ 130) for more information.

Connecting to Televisions, Computers and Printers

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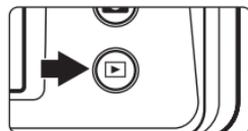
Operations with TV Connection

While pictures are displayed full-frame on the TV, the previous or subsequent picture can be viewed by dragging your finger across the camera monitor.

If the first frame of a movie is displayed, the movie can be played back by tapping the camera monitor.

- **•** Tap the camera monitor to turn TV display off and display the picture in the camera monitor. When pictures are displayed in the camera monitor, tap the controls displayed to operate the camera.
- **•** When the camera is connected to a TV, pictures cannot be displayed as thumbnails, picture display cannot be enlarged (playback zoom), and pictures cannot be cropped.
- **•** Pictures will be automatically displayed on the TV in the following situations.
  - No operations are performed for a few seconds.
  - A slide show is played back.
  - A movie is played back.

■ Connecting the Audio/Video Cable

When connecting the audio/video cable, be sure that the camera connector is properly oriented. Do not use force when connecting the audio/video cable to the camera. When disconnecting the audio/video cable, do not pull the connector at an angle.

■ Video Mode

Be sure that the camera's video mode setting conforms to the standard used by your television. Specify the **Video mode** setting from **Interface** option (□ 155) in the setup menu (□ 142).

Connecting to a Computer

Use the supplied USB cable to connect the camera to a computer and copy (transfer) images to the computer.

Before Connecting the Camera

Install the Software

Use the supplied ViewNX 2 CD and install the following software on the computer.

- **ViewNX 2:** Use the image transfer feature "Nikon Transfer 2" to save images that were captured with the camera on the computer. Saved images can be viewed and printed. Image and movie editing features are also supported.
- **Panorama Maker 5:** This software can join a series of images to create a single panorama image.

For more information on installing the software, refer to the *Quick Start Guide*.

Compatible Operating Systems

Windows

Windows 7 Home Basic/Home Premium/Professional/Enterprise/Ultimate, Windows Vista Home Basic/Home Premium/Business/Enterprise/Ultimate (Service Pack 2), or Windows XP Home Edition/Professional (Service Pack 3)

Macintosh

Mac OS X (version 10.4.11, 10.5.8, 10.6.4)

For information on the requirements for playing back high-definition movies, refer to "System Requirements" in the ViewNX 2 help information (□ 135).

Refer to the Nikon website for the latest information on operating system compatibility.

B Notes on Power Source

- When connecting the camera to a computer to transfer images, use a fully charged battery to prevent the camera from turning off unexpectedly.
- If the AC Adapter EH-62F (□ 178) (available separately) is used, COOLPIX S1100pj can be powered from an electrical outlet. Do not use any other make or model of AC adapter as they may cause the camera to overheat or malfunction.

Transferring Images from a Camera to a Computer

When transferring images to the computer from the camera, select the **Interface** setting (□ 155) from the setup menu and set the **USB** option to **MTP/PTP**.

- The default setting is **MTP/PTP**.

1 Start the computer to which ViewNX 2 was installed.

2 Be sure that the camera is off.

3 Connect the camera to the computer using the supplied USB cable.

Be sure that connectors are properly oriented. Do not attempt to insert connectors at an angle, and do not use force when connecting or disconnecting the USB cable.
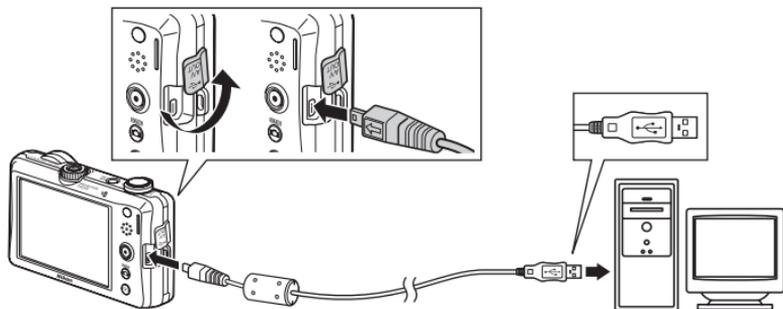
4 Turn on the camera.

The power-on lamp will light. The camera monitor will remain off.
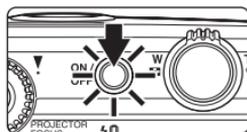
⚠ **Connecting the USB Cable**

The connection may not be recognized if the camera is connected to the computer via a USB hub.

5 Start the ViewNX 2 image transfer feature "Nikon Transfer 2" installed on the computer.

- **Windows 7**

  When the **Devices and Printers ▶ S1100pj** screen is displayed, click **Change program** under **Import pictures and videos**. Select **Import File using Nikon Transfer 2** in the **Change program** dialog and click **OK**.

  Double-click **Import File** on the **Devices and Printers ▶ S1100pj** screen.

- **Windows Vista**

  When the **AutoPlay** dialog is displayed, click **Import File using Nikon Transfer 2**.

- **Windows XP**

  When the action selection dialog is displayed, select **Nikon Transfer 2 Import File**, and click **OK**.

- **Mac OS X**

  Nikon Transfer 2 will start automatically when the camera is connected to the computer if **Yes** was selected in the **Auto-Launch setting** dialog when Nikon Transfer 2 was first installed.

- If there are a large number of images on the memory card, it may take some time for Nikon Transfer 2 to start.

6 Confirm that the source device is displayed in the transfer options **Source** panel and click **Start Transfer**.
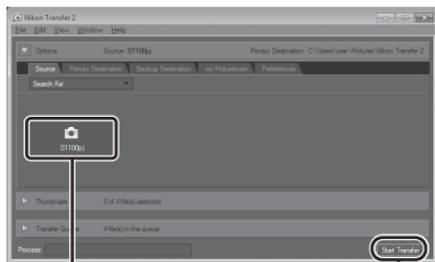
Source device   **Start Transfer** button

Any images that have not been transferred to the computer will be transferred (default setting of ViewNX 2).

Connecting to Televisions, Computers and Printers

ViewNX 2 starts automatically when the transfer is complete (default setting of ViewNX 2). Transferred images can be viewed.

For more information on using ViewNX 2, refer to the ViewNX 2 help information (A 135).

Disconnecting the Camera

Do not turn off the camera or disconnect the camera from the computer during transfer.

When transfer is complete, turn off the camera and disconnect the USB cable.

C **Transferring Images Using a Computer's Card Slot or a Commercially-available Card Reader**

When the memory card is inserted into a computer's card slot or into a commercially-available card reader, the images can be transferred using "Nikon Transfer 2", the image transfer feature of ViewNX 2.

- Make sure that the memory card being used is supported by the card reader or other card reading device.
- To transfer images, insert the memory card into the card reader or card slot and follow the procedure from step 5 (□ 133).
- To transfer images saved in the camera's internal memory, the images must first be copied to a memory card using the camera (□ 161).

C **Starting ViewNX 2 or Nikon Transfer 2 Manually**

Windows

Choose **Start** menu > **All Programs** > **ViewNX 2** > **ViewNX 2**.

Double-clicking the **ViewNX 2** shortcut icon on the desktop will also start ViewNX 2.

Mac OS X

Open the **Applications** folder, open the **Nikon Software** > **ViewNX 2** folders in that order, and then double-click the **ViewNX 2** icon. Clicking the **ViewNX 2** icon on the Dock will also start ViewNX 2.

Click **Transfer** in the ViewNX 2 screen to start Nikon Transfer 2.

C **Viewing ViewNX 2 Help Information**

For more information on ViewNX 2 or Nikon Transfer 2, start ViewNX 2 or Nikon Transfer 2 and select **ViewNX 2 Help** from the **Help** menu.

C **Panorama Creation with Panorama Maker 5**

- Use a series of images captured in **Panorama assist** scene mode (□ 71) to create a single panorama photo with Panorama Maker 5.
- Panorama Maker 5 can be installed on a computer using the supplied ViewNX 2 CD.
- After installation is complete, follow the procedure described below to start Panorama Maker 5.

Windows

Choose **Start** menu>**All Programs**>**ArcSoft Panorama Maker 5**>**Panorama Maker 5**.

Mac OS X

Open **Applications** and double-click the **Panorama Maker 5** icon.

- For more information on using Panorama Maker 5, refer to the on-screen instructions and help information contained in Panorama Maker 5.

C **Image File Names and Folder Names**

See "Image/Sound File and Folder Names" (□ 180) for more information.

Connecting to Televisions, Computers and Printers

Connecting to a Printer

Users of PictBridge-compatible ($\square$ 197) printers can connect the camera directly to the printer and print pictures without using a computer. Follow the procedures below to print pictures.

```
┌─────────────────────────────────────────┐
│                Take pictures             │
└─────────────────────────────────────────┘
                                    │
                ┌───────────────────────────────────┐
                │ Select pictures for printing and  │
                │ number of copies using Print      │
                │ set option (□ 101)                │
                └───────────────────────────────────┘
┌─────────────────────────────────────────┐
│          Connect to printer (□ 137)      │
└─────────────────────────────────────────┘

┌──────────────────────┐   ┌──────────────────────┐
│ Print pictures one at │   │ Print multiple       │
│ a time (□ 138)        │   │ pictures (□ 139)     │
└──────────────────────┘   └──────────────────────┘

┌─────────────────────────────────────────────────────────────┐
│ When printing is complete, turn the camera off and           │
│ disconnect USB cable                                         │
└─────────────────────────────────────────────────────────────┘
```
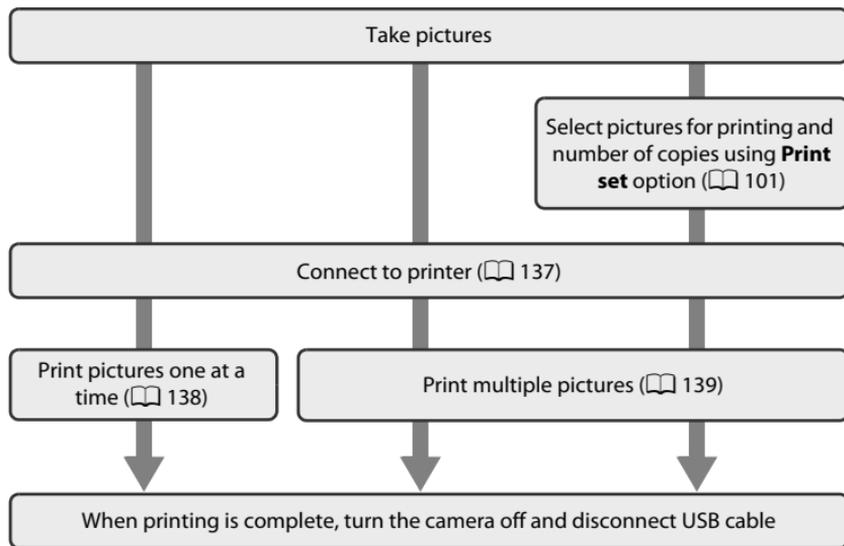
⚠ Note on Power Source

When connecting the camera to a printer, use a fully charged battery to prevent the camera from turning off unexpectedly.

If the AC Adapter EH-62F (available separately) is used, COOLPIX S1100pj can be powered from an electrical outlet. Do not use any other make or model of AC adapter as they may cause the camera to overheat or malfunction.

🔍 Printing Pictures

In addition to printing pictures transferred to a computer from your personal printer and printing over a direct camera-to-printer connection, the following options are also available for printing pictures:

- Inserting a memory card into a DPOF-compatible printer's card slot
- Taking a memory card to a digital photo lab

For printing using these methods, specify the pictures and the number of prints each to the memory card using the **Print set** menu ($\square$ 101).

Connecting to Televisions, Computers and Printers

Connecting the Camera to a Printer

When transferring images to the computer from the camera, select the **Interface** setting (A 155) from the setup menu and set the **USB** option to **MTP/PTP**.

- The default setting is **MTP/PTP**.

1 Turn off the camera.
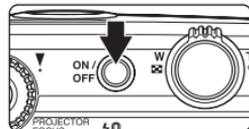
2 Turn on the printer.

Check printer settings.

3 Connect the camera to the printer using the supplied USB cable.
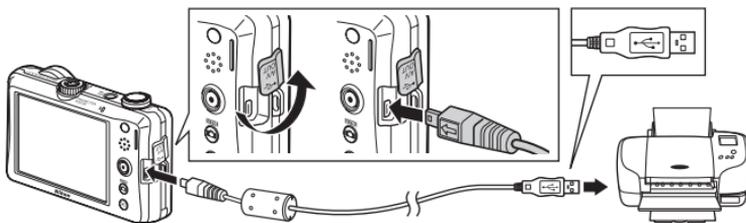
4 Turn on the camera.

When properly connected, the **PictBridge** startup screen (1) will be displayed in the camera monitor, followed by the **Print selection** screen (2).

1

PictBridge

2

Print selection
15/11/2010 [4/   4]
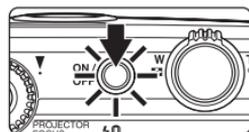
B Connecting the USB Cable

Be sure that connectors are properly oriented. Do not attempt to insert connectors at an angle, and do not use force when connecting or disconnecting the USB cable.

Printing Pictures One at a Time

After properly connecting the camera to the printer ($\square$ 137), follow the procedure described below to print a picture.

1 Tap **A** or **V** to choose the desired picture and tap **OK**.

Previous or subsequent picture can also be viewed by tapping the scroll bar.

Tap **Q** or rotate the zoom control to **W** (**☐**) to switch to 9-thumbnail display. Tap **Q** or rotate the zoom control to **T** (**Q**) to switch back to full-frame playback.

Print selection
15/11/2010 [4/   4]

2 Tap **Copies**.

PictBridge
Start print
Copies
Paper size

3 Tap the desired number of copies (up to nine).

Copies
1 2 3
4 5 6
7 8 9

4 Tap **Paper size**.

PictBridge
Start print
Copies
Paper size

5 Tap the desired paper size.

Tap ◪ or ◪ to display additional options.

To specify paper size using printer settings, choose **Default** in the paper size menu.

Paper size
- Default
- 3.5×5 in.
- 5×7 in.
- Postcard

6 Tap **Start print**.

PictBridge
- Start print
- Copies
- Paper size
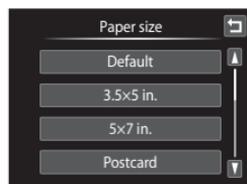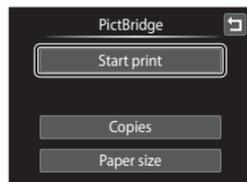
7 Printing begins.

Monitor display returns to the print selection screen shown in step 1 when printing is complete.

To cancel printing before all copies have been printed, tap ◪.
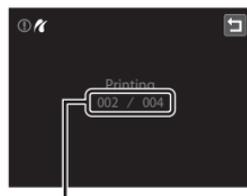
Printing
002 / 004

Current number of copies/
total number of prints

Printing Multiple Pictures

After properly connecting the camera to the printer (□ 137), follow the procedure described below to print multiple pictures.

1 When the **Print selection** screen is displayed, tap ◪.

The **Print menu** screen is displayed.

Print selection
15/11/2010 [4/ 4]

2 Tap **Paper size**.

To exit the print menu, tap ◪.

Print menu
- Print selection
- Print all images
- DPOF printing
- Paper size

3 Tap the desired paper size.

Tap ▲ or ▼ to display additional options.

To specify paper size using printer settings, choose **Default** in the paper size option.

| Paper size	
Default	
3.5×5 in.	
5×7 in.	
Postcard	
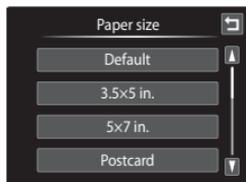
4 Tap **Print selection**, **Print all images**, or **DPOF printing**.

Print menu	
Print selection	
Print all images	
DPOF printing	
Paper size	

Print selection

Choose pictures (up to 99) and the number of copies (up to nine) of each.
- Tap the desired picture and tap ▲ or ▼ at the upper left in the monitor to specify the number of copies to be printed.
- Pictures selected for printing can be recognized by the check mark (✓) and the numeral indicating the number of copies to be printed. If no copies have been specified for pictures, the selection is canceled.
- Tap 🔍 or rotate the zoom control to **T** (Q) to switch to full-frame playback. Tap 🔍 or rotate the zoom control to **W** (☷) to switch back to 9-thumbnail display.
- Tap 📇 to cancel the selection of all pictures.
- Tap 🆗 when setting is complete.
- When the screen shown at right is displayed, tap **Start print** to start printing. Tap ◱ to return to the print menu.

Print selection	
009 prints	
Start print	
Cancel	

Print all images

One copy each of all pictures stored in the internal memory, or on the memory card, is printed.

- When the screen shown at right is displayed, tap **Start print** to start printing. Tap ⏏ to return to the print menu.

> Print all images
>
> 009 prints
>
> Start print
> Cancel

DPOF printing

Print pictures for which a print order was created using the **Print set** option (□ 101).

- When the screen shown at right is displayed, tap **Start print** to start printing. Tap ⏏ to return to the print menu.

> DPOF printing
>
> 010 prints
>
> Start print
> View images

- To view the current print order, tap **View images**. To print pictures, tap 〖OK〗.

> View images
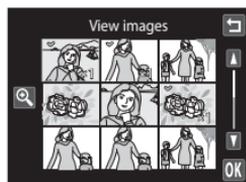
5 Printing begins.

Monitor display returns to the print menu (step 2) when printing is complete.

To cancel printing before all copies have been printed, tap ⏏.

> Printing
> 002 / 004

Current number of copies/ total number of prints
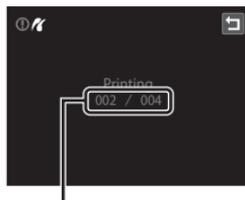
Connecting to Televisions, Computers and Printers

🖉 Paper Size

The camera supports the following paper sizes: **Default** (the default paper size for the printer connected to the camera), **3.5×5 in.**, **5×7 in.**, **100×150 mm**, **4×6 in.**, **8×10 in.**, **Letter**, **A3**, and **A4**. Only sizes supported by the printer will be displayed. To specify paper size using printer settings, choose **Default** in the paper size option.

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Setup Menu

The setup menu contains the following options.

📷	Welcome screen	📖 144
	Choose whether or not a welcome screen is displayed when camera is turned on.	
🕐	Date	📖 145
	Set camera clock and choose home and destination time zones.	
🖵	Monitor settings	📖 148
	Set the photo information displayed in playback mode, the image review settings, and the monitor brightness.	
📅	Date imprint	📖 149
	Imprint shooting date and time on pictures.	
〽	Vibration reduction	📖 150
	Choose whether or not vibration reduction is enabled.	
➔▶	AF assist	📖 151
	Enable or disable AF-assist illuminator.	
➔🎥	Movie light	📖 126
	Enable or disable movie light during recording movies.	
🔲	Digital zoom	📖 152
	Enable or disable digital zoom.	
🎥AF	Movie AF mode	📖 127
	Select how the camera focuses in movie mode.	
🔊	Sound settings	📖 152
	Adjust sound settings.	
🕐	Auto off	📖 153
	Set time before the monitor turns off for saving power.	
🖴 / 🗂	Format memory/Format card	📖 154
	Format internal memory or memory card.	
🌐	Language	📖 155
	Choose the language used for camera monitor display.	
📠	Interface	📖 155
	Adjust settings necessary for connection to computer or television.	
👁	Blink warning	📖 156
	Specify whether or not the camera detects human subjects that have blinked with shooting using the face detection function.	

⬛	Reset all	☐ 158
	Restore camera settings to default values.	
☷	Copy	☐ 161
	Copy files between memory card and internal memory.	
Ver	Firmware version	☐ 162
	Display camera firmware version.	

Operating the Setup Menu

1 Tap the bottom tab in shooting or playback mode.

See "Operating the Tabs" (☐ 16) for more information.

2 Tap the 🔧 tab.

The setup menu is displayed.

3 Tap the desired option.

Tap 🔼 or 🔽 to display previous or subsequent page.

Tap 🔙 to return to the previous screen.

When 🆗 is displayed in a screen, tap 🆗 to apply the setting.

To exit the setup menu, tap 🔙 or press the shutter-release button (when shooting).

Set up		
🖼 Welcome screen	⏰ Date	
🖥 Monitor settings	📅 Date imprint	
🔲 Vibration reduction	🔳 AF assist	

Basic Camera Setup

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c Welcome Screen

Tap the bottom tab (□ 143) ➔ Tap Y (Setup menu) ➔ c Welcome screen

Choose whether or not a welcome screen is displayed when the camera is turned on.

None (default setting)

The camera enters shooting or playback mode without displaying the welcome screen.

COOLPIX

The camera displays a welcome screen and enters shooting or playback mode.

Select an image

Displays a picture selected for the welcome screen. When the **Select image** screen is displayed, select a picture and tap **OK**.

- In the **Select image** screen, tap Q or rotate the zoom control to **T** (Q) to switch to full-frame playback and tap Q or rotate the zoom control to **W** (h) to switch back to 9-thumbnail display.
- As the selected picture is stored by the camera, it will be displayed when the camera is turned on even if the original picture is deleted.
- Pictures taken at an **Image mode** setting (□ 39) of l **3968×2232**, and copies created at a size of 320 × 240 or smaller using small picture (□ 121) or the crop (□ 122) function, cannot be used.

Basic Camera Setup
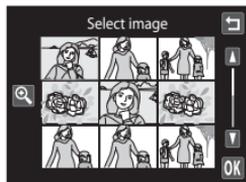
⏱ Date

Tap the bottom tab (□ 143) ➔ Tap 🔧 (Setup menu) ➔ ⏱ Date

Set the camera clock.

Date

Set camera clock to current date and time.
Tap the items on the displayed screen to select the display order of the day, month and year, and set the date and time.

- Select the item: tap the desired item.
- Edit the highlighted item: tap 🔺 or 🔽.
- Apply the setting: tap 🆗 (□ 23).

Time zone

🏠 **Home time zone** can be specified and daylight saving is enabled or disabled from **Time zone** options. When the destination time zone (✈) is selected, local time (□ 147) is automatically calculated and the date and time in the selected region are recorded with pictures. Useful when traveling.

Selecting Travel Destination Time Zone

1 Tap **Time zone**.

The **Time zone** menu is displayed.
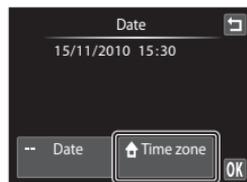
2 Tap ✈ **Travel destination**.

The date and time displayed in the monitor changes according to the region currently selected.
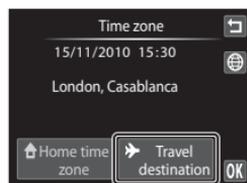
3 Tap ⊕.

The time zone selection screen is displayed.
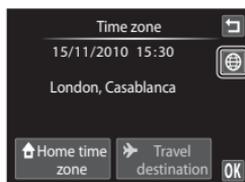
4 Tap ◀ or ▶ to choose the travel destination time zone and tap ⊞.

If daylight saving time is in effect, tap ⊛ to enable daylight saving time function. ⊛ is displayed at the top of the monitor and the camera clock is advanced one hour. Tap ⊛ again to disable the daylight saving time function.

While the travel destination time zone is selected, the ⥁ icon will be displayed in the monitor when the camera is in shooting mode.

M **Note on the Clock Battery**

The camera clock is powered by the clock battery. The clock battery charges when the main battery is inserted or an AC adapter is connected, and can provide several days of backup power after about ten hours of charging.

🖉 **🏠 Home Time Zone**

- To switch to the home time zone, tap **🏠 Home time zone** in step 2.
- To change the home time zone, tap **🏠 Home time zone** in step 2 and complete steps 3 and 4.

🖉 **Daylight Saving Time**

When daylight saving starts or ends, turn the daylight saving time option on or off from the time zone selection screen displayed in step 4.

🔍 **Imprinting Date on Pictures**

Enable date imprint from the **Date imprint** option (□ 149) in the setup menu after the date and time have been set. When the **Date imprint** option is enabled, pictures will be recorded with shooting date imprinted on them.

🌐 Time Zones

The camera supports the time zones listed below.
For time zones not listed below, set the camera clock to local time from the **Date** option.

UTC +/–	Location	UTC +/–	Location
–11	Midway, Samoa	+1	Madrid, Paris, Berlin
–10	Hawaii, Tahiti	+2	Athens, Helsinki, Ankara
–9	Alaska, Anchorage	+3	Moscow, Nairobi, Riyadh, Kuwait, Manama
–8	PST (PDT): Los Angeles, Seattle, Vancouver	+4	Abu Dhabi, Dubai
–7	MST (MDT): Denver, Phoenix	+5	Islamabad, Karachi
–6	CST (CDT): Chicago, Houston, Mexico City	+5.5	New Delhi
–5	EST (EDT): New York, Toronto, Lima	+6	Colombo, Dhaka
–4.5	Caracas	+7	Bangkok, Jakarta
–4	Manaus	+8	Beijing, Hong Kong, Singapore
–3	Buenos Aires, Sao Paulo	+9	Tokyo, Seoul
–2	Fernando de Noronha	+10	Sydney, Guam
–1	Azores	+11	New Caledonia
±0	London, Casablanca	+12	Auckland, Fiji

Basic Camera Setup

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c Monitor Settings

Tap the bottom tab (□ 143) ➔ Tap Y (Setup menu) ➔ c Monitor settings

Set the options below.

Playback

Set the photo information displayed in the monitor during playback.
See "Playback (Information Display)" (□ 14) for more information.

- **Show info**:

- **Auto info** (default setting): Current settings and operational guides are displayed as in **Show info** above. If no operations are performed for a few seconds, information is hidden. Information will be displayed again when the next operation is performed.

Image review

- **On** (default setting): Picture is automatically displayed in the monitor immediately after it is taken and the monitor display returns to shooting mode.
- **Off**: Picture is not displayed after it is taken.

Brightness

Choose from five settings for monitor brightness. The default setting is **3**.

(⊕) Vibration Reduction

Tap the bottom tab (□ 143) ➔ Tap **Y** (Setup menu) ➔ (⊕) Vibration reduction

Choose a vibration reduction option for shooting.

Vibration reduction reduces blur caused by slight hand movement known as camera shake, which commonly occurs when shooting with telephoto zoom applied or at slow shutter speeds. The effects of camera shake are reduced when recording movies, in addition to when taking still pictures.

Set **Vibration reduction** to **Off** when using a tripod to stabilize the camera during shooting.

On (hybrid)

> The effects of camera shake are reduced optically using a lens-shift method. Additional image processing with electronic vibration reduction is applied to further reduce the effects of camera shake with recording of still pictures taken under the following conditions.
> - When the flash does not fire
> - When a shutter speed slower than 1/60 seconds is used
> - When **Self-timer** is disabled
> - When **Continuous** is set to **Single**
> - When ISO sensitivity is set to 200 or less

On (default setting)

> The vibration reduction using the lens-shift method only is enabled.

Off

> Vibration reduction is not enabled.

The current vibration reduction setting can be confirmed in the camera monitor with shooting (□ 12, 27). When **Off** is selected, no icon is displayed.

⚠ Notes on Vibration Reduction

- Vibration reduction may take a few seconds to activate after the power is turned on, or the camera enters shooting mode from playback mode. Wait until the image of the monitor stabilizes before shooting.
- Due to characteristics of the vibration reduction function, images displayed in the camera's monitor immediately after shooting may be displayed blurry.
- Vibration reduction may be unable to completely eliminate the effects of camera shake in some situations.
- Image processing with electronic vibration reduction may not perform as expected with very slight or extreme camera shake, even when **On (hybrid)** is selected.
- Image processing with electronic vibration reduction is not enabled at fast or extremely slow shutter speeds, even when **On (hybrid)** is selected.
- **Date imprint** (□ 149) and **On (hybrid)** for **Vibration reduction** cannot be applied simultaneously. When taking pictures with the setting of **On (hybrid)** for **Vibration reduction**, **Date imprint** is set to **Off**.
- When **On (hybrid)** is selected and electronic vibration reduction is activated, the shutter is automatically released twice when a picture is taken to allow for image processing. Therefore, the time required to record pictures increases. **Shutter sound** (□ 152) can be heard only when the shutter is released the first time and a single picture will be recorded.

⊟❚ AF Assist

Tap the bottom tab (□ 143) ➔ Tap ❩ (Setup menu) ➔ ⊟❚ AF assist

Enable or disable AF-assist illumination, which assists autofocus operation when the subject is dimly lit.

Auto (default setting)

AF-assist illumination will be used to assist the focus operation when the subject is dimly lit. The illuminator has a range of about 3.5 m (11 ft.) at the maximum wide-angle position and about 2.0 m (6 ft. 6 in.) at the maximum telephoto position. Note that for some scene modes or focus areas, AF-assist illuminator may not light.

Off

AF-assist illuminator does not light. The camera may be unable to focus under dim lighting.

回 Digital Zoom

Tap the bottom tab (□ 143) ➔ Tap ¥ (Setup menu) ➔ 回 Digital zoom

Enable or disable digital zoom.

On (default setting)

When the camera is zoomed in to the maximum optical zoom position, rotating the zoom control to **T** (**Q**) triggers digital zoom (□ 29).

Off

Digital zoom will not be activated (except during recording movies).

⚠ Notes on Digital Zoom

- When digital zoom is in effect, the camera focuses at the center of the frame.
- Digital zoom cannot be used in the following situations.
  - **Subject tracking** is selected for the touch shooting setting
  - When **Portrait** or **Night portrait** scene mode is selected
  - When smart portrait mode is selected
  - When **Multi-shot 16** (□ 58) is selected

♦ Sound Settings

Tap the bottom tab (□ 143) ➔ Tap ¥ (Setup menu) ➔ ♦ Sound settings

Adjust the following sound settings.

Button sound

Select **On** (default setting) or **Off**.
When **On** is selected, a beep will sound once when operations are completed successfully, twice when the camera acquires focus on the subject, and three times when an error is detected. Start-up sound will also play when the camera is turned on.

Shutter sound

Select **On** (default setting) or **Off**.
No sound is played with shutter release when some features such as continuous shooting or BSS (best shot selector) are enabled, or when recording movies, even if **On** is selected.

Basic Camera Setup

⏱ Auto Off

Tap the bottom tab (□ 143) ➔ Tap ✿ (Setup menu) ➔ ⏱ Auto off

When the camera is on and a period of time passes without any operations having been performed, the monitor will be turned off and the camera will enter standby mode (□ 21) to save power.

In this option, set the time allowed to elapse before the camera enters standby mode. **30 s**, **1 min** (default setting), **5 min**, and **30 min** can be selected.

🖉 When the Monitor Turns off for the Power Saving Function

- Power-on lamp blinks in standby mode.
- Camera turns off after three minutes passes in standby mode.
- To reactivate the monitor while the power on lamp is blinking, press any of the following buttons:
  - The power switch, shutter-release button, ▲ button, or ● (movie-record) button

🖉 Auto Off Settings

The time allowed to elapse before the camera enters standby mode is fixed in the following situations:

- When a setting screen, mode selection menu, or setup menu is displayed: three minutes
- During slide show playback: up to 30 minutes
- When the AC adapter EH-62F is connected: 30 minutes

🖉 Auto Off in Projector Mode

Use the **Auto off** (□ 173) option in the projector settings menu to specify the auto off setting for projector mode.

⒨/⒯ Format Memory/Format Card

Tap the bottom tab (□ 143) ➔ Tap ⚙ (Setup menu) ➔
⒨ Format memory/⒯ Format card

Use this option to format the internal memory or a memory card.

⒨ Formatting the Internal Memory

To format the internal memory, remove the memory card from the camera.

The **Format memory** option is displayed in the setup menu.

ⓘ Format memory ⤺
All images will be deleted! OK?
Yes No
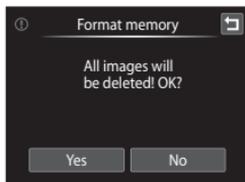
⒯ Formatting a Memory Card

When a memory card is inserted in the camera, the **Format card** option is displayed in the setup menu.

ⓘ Format card ⤺
All images will be deleted! OK?
Yes No

⚠ Formatting Internal Memory and Memory Cards

- **Formatting the internal memory or memory cards permanently deletes all data.** Be sure to transfer important pictures to a computer before formatting.
- Formatting the internal memory or memory card restores album icon settings (□ 89) to the default setting (displayed as number).
- Do not turn the camera off or open the battery-chamber/memory card slot cover during formatting.
- Be sure to use this camera to format memory cards previously used in other devices the first time they are inserted into the COOLPIX S1100pj.

Basic Camera Setup

📭 Language

Tap the bottom tab (□ 143) ➔ Tap ⚭ (Setup menu) ➔ 📭 Language

Choose one of 24 languages for display of camera menus and messages.

Čeština	Czech		Polski	Polish
Dansk	Danish		Português	Portuguese
Deutsch	German		Русский	Russian
English	(default setting)		Suomi	Finnish
Español	Spanish		Svenska	Swedish
Ελληνικά	Greek		Türkçe	Turkish
Français	French		简体中文	Simplified Chinese
Indonesia	Indonesian		繁體中文	Traditional Chinese
Italiano	Italian		日本語	Japanese
Magyar	Hungarian		한글	Korean
Nederlands	Dutch		ภาษาไทย	Thai
Norsk	Norwegian		عربي	Arabic

📭 Interface

Tap the bottom tab (□ 143) ➔ Tap ⚭ (Setup menu) ➔ 📭 Interface

Adjust settings for connection to a computer or television.

USB

Select the communication method used when the camera is connected to a computer or printer.
- **MTP/PTP** (default setting): Select when transferring pictures from the camera to the computer (□ 131), or when connecting the camera to the printer (□ 136).
- **Projector**: Select when using the built-in projector to project the computer display.

Video mode

Adjust video mode settings for connection to a television. Select from **NTSC** and **PAL**.

d **Blink Warning**

Tap the bottom tab (A 143) ➔ Tap Y (Setup menu) ➔ d Blink warning

Specify whether or not the camera detects human subjects that have blinked using the face detection function (A 50) when shooting in the following modes.

- G (easy auto) mode (A 26) or A (auto) mode (A 52).
- **Portrait** (A 64) or **Night portrait** (A 65) is selected for the scene mode.

On

> When the camera detects that one or more human subjects may have blinked in a picture taken using the face detection function, the blink warning screen is displayed in the monitor.
>
> The face of the human subject that may have blinked when the shutter was released is framed by a yellow border. Should this occur, check the picture and determine whether or not another picture should be taken.
> See "Operating the Blink Warning Screen" (A 157) for more information.

Off (default setting)

> Blink warning is not enabled.

Operating the Blink Warning Screen

When the blink warning screen shown at right is displayed in the monitor, the operations described below are available.

If no operations are performed within a few seconds, the camera automatically returns to shooting mode.

To	Use	Description
Enlarge the detected face that blinked	**T** (Q)	Rotate the zoom control to **T** (Q). If the camera detects that more than one human subject blinked, tap 🔲 or 🔲 to switch display to another face.
Switch to full-frame playback	**W** (➡)	Rotate the zoom control to **W** (➡).
Delete the picture	🗑	Tap 🗑.
Switch to shooting mode	🆗 🗙	Tap the monitor, 🆗, or 🗙. The shutter-release button can also be pressed to return to shooting mode.

Note on Blink Warning

The blink warning does not function at continuous settings of **Continuous**, **BSS**, or **Multi-shot 16**.

🔄 Reset All

Tap the bottom tab (□ 143) ➔ Tap 🔧 (Setup menu) ➔ 🔄 Reset all

When **Reset** is selected, the camera's settings will be restored to their default values.

Basic Shooting Functions

Option	Default value
Flash mode (□ 34)	Auto
Self-timer (□ 37)	Off
Image mode (□ 39)	🖼 4320×3240
Movie options (□ 125)	📹 HD 720p (1280×720)
Touch shooting (□ 41, 44, 55)	Touch shutter
Exposure compensation (□ 47)	0

Auto Mode Shooting Mode

Option	Default value
Macro mode (□ 54)	Off
ISO sensitivity (□ 57)	Auto
Continuous (□ 58)	Single
White balance (□ 59)	Auto

Scene Mode

Option	Default value
Scene effect adjustment slider (□ 63)	Center

Smart portrait Mode

Option	Default value
Skin softening (□ 75)	Normal
Blink proof (□ 76)	Off
Smile timer (□ 76)	On

Playback Mode

Option	Default value
Slide show (□ 98) Effects	Classic

Setup Menu

Option	Default value
Welcome screen (□ 144)	None
Playback (□ 148)	Auto info
Image review (□ 148)	On
Brightness (□ 148)	3
Date imprint (□ 149)	Off
Vibration reduction (□ 150)	On
AF assist (□ 151)	Auto
Movie light (□ 126)	Off
Digital zoom (□ 152)	On
Movie AF mode (□ 127)	Single AF
Button sound (□ 152)	On
Shutter sound (□ 152)	On
Auto off (□ 153)	1 min
Blink warning (□ 156)	Off

Slide Show Settings in Projector Mode

Option	Default value
Effects (□ 171)	Classic
Frame intvl (□ 171)	3 s
Background music (□ 171)	None
Volume (□ 171)	Medium

Basic Camera Setup

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Projector Settings Menu

Option	Default value
Power saving (□ 172)	Off
Auto off (□ 173)	5 min
Tone compensation (□ 173)	On

Others

Option	Default value
Paper size (□ 138, 139)	Default

- Selecting **Reset** also clears the current file number (□ 180) from memory. Numbering will continue from the lowest number available. To reset file numbering to "0001", delete all pictures stored in the internal memory or on the memory card (□ 33) before selecting **Reset**.
- The following menu settings will remain unaffected when menus are reset with **Reset all**.
  Shooting settings: Preset manual data (□ 60) acquired for **White balance**
  Setup menu: **Date** (□ 145), **Language** (□ 155), and **Video mode** and **USB** in **Interface** (□ 155)

🖼 Copy (Copy Between Internal Memory and Memory Card)

Tap the bottom tab (□ 143) ➔ Tap ♈ (Setup menu) ➔ 🖼 Copy

Copy pictures between the internal memory and a memory card.

1 Tap the desired option from the copy screen.

🖬 ➔ ❏: Copy pictures from internal memory to memory card.

❏ ➔ 🖬: Copy pictures from memory card to internal memory.
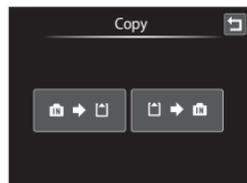
2 Tap the desired copy option.

Selected images: Copy pictures selected. Proceed to step 3.

All images: Copy all pictures. When a confirmation dialog is displayed, tap **Yes**. Pictures are copied. To return to the setup menu without copying, tap **No**.
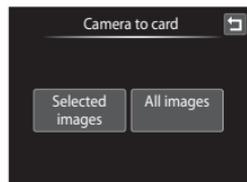
3 Tap the pictures to be copied.

When a picture is selected, a check mark is displayed. To cancel the selection, tap the picture again. A check mark is removed.

Tap 🔍 or rotate the zoom control to **T** (🔍) to switch to full-frame playback and tap 🔍 or rotate the zoom control to **W** (🔢) to switch back to 9-thumbnail display.

4 Tap 🆗.

When a confirmation dialog is displayed, tap **Yes**. Pictures are copied. To return to the setup menu without copying, tap **No**.

Basic Camera Setup

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⚠ **Notes on Copying Pictures**

- JPEG-, MOV-, and WAV-format files can be copied. Files recorded in any other format cannot be copied.
- If voice memos (🔲 106) are attached to pictures selected for copying, voice memos are copied with the pictures.
- Operation is not guaranteed with pictures taken with another make of camera or that have been modified on a computer.
- When copying pictures selected for a **Print set** (🔲 101), the print set marking is not copied. However, rating (🔲 97) and **Protect** (🔲 99) settings are copied with pictures.
- Pictures or movies copied from the internal memory to a memory card, or vice versa, cannot be displayed in auto sort mode (🔲 91).
- When pictures added to albums (🔲 84) are copied, the copies are not automatically added to the same albums as the original pictures.

🖉 **"Memory contains no images." Message**

If there are no pictures stored on a memory card inserted in the camera when playback mode is applied, the message **Memory contains no images.** will be displayed. Perform the followings to copy pictures in the internal memory to a memory card.

1. Tap the bottom tab to display the setting controls and tap ⚙.
2. Tap **Copy** in the displayed setup menu.

🔍 **More Information**

See "Image/Sound File and Folder Names" (🔲 180) for more information.

Ver Firmware Version

Tap the bottom tab (🔲 143) ➔ Tap ⚙ (Setup menu) ➔ **Ver** Firmware version

View the current camera firmware version.

COOLPIX S1100pj Ver.x.x
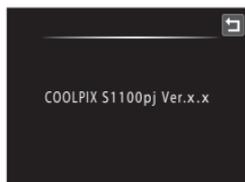
Displaying Pictures with the Projector (Projector Mode)

The COOLPIX S1100pj is equipped with a
built-in projector. The ability to project
pictures and movies with simple operation
makes for a convenient way of enjoying
photos at gatherings of family and friends.
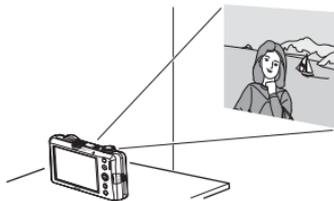
Projecting Pictures

1 Place the camera.

Place the camera on a stable and level surface such as a table.

Point the projector window at a screen (available commercially) or flat white surface.

The projection distance between the camera and screen should be approximately
26 cm (10 in.) to 2.4 m (7 ft. 10 in.) ($\square$ 165).

2 Turn on the camera and press the ● button.

The camera enters projector mode and a
picture stored in the internal memory or on a
memory card inserted into the camera is
projected in full-frame playback mode.

The camera can also be switched to projector
mode by pressing the ● button on the remote control. The camera's monitor turns off
when the remote control is in operation. Tap the monitor to reactivate it and enable the
camera's touch operation ($\square$ 166).
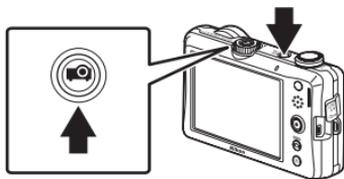
3 Adjust the camera position.

To change the projected picture size, adjust the distance between the camera and
screen.

Adjust the projection angle to reduce picture distortion.

4 Adjust focus for the projected picture.

Turn off unnecessary lights.

Rotate the projector focus dial to adjust picture
focus.

Using the projector

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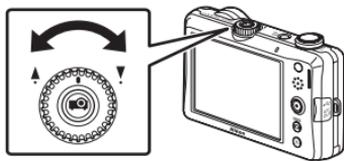
5 Switch the picture with the remote control (supplied).

Point the remote control at the infrared receiver on the front or rear of the camera (□ 4, 5) within a distance of approximately 5 m (16 ft.).

Infrared emitter   Infrared receiver   Display the previous picture
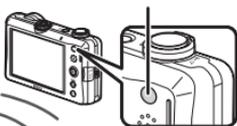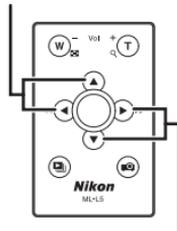
Display the next picture

See "Using Projector Mode" (□ 166) for the details of the operation of the remote control.

**6** Press the 🔲 button on the remote control to end projection.

Projection also ends if the 🔲 button or 🔲 button on the camera is pressed to switch to shooting mode.

B **Notes on Using the Projector**

- Be sure to read and follow the projector warnings on page iv.
- Be aware that the camera and battery will become hot in projector mode. Allow the camera to cool before using it again when the projector has been used for an extended period of time.
- When the battery is low, the camera automatically adjusts projection brightness to save power.

🖊 **Built-in Projector Stand**

- The built-in projector stand allows the camera to be tilted slightly upward so that the projected picture is not obstructed by the surface of the table on which the camera is placed.

- Slide the projector stand latch (①) and push (②) to raise it. To lower the projector stand, slide the projector stand latch (③) and push (④) it into the camera.

- When the projector stand is used, the picture is projected onto the screen at an angle, resulting in a type of distortion known as the keystone effect. Using a tripod instead of the built-in projector stand makes it easier to properly align the camera with the screen, reducing the keystone effect.
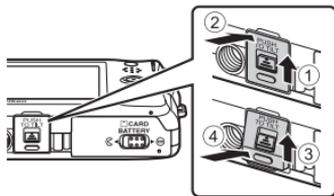
🖊 **Auto Power Off with Projection**

When no operations are performed during projection, the camera ends projection to save power and enter standby mode, and the power-on lamp blinks. If another three minutes passes in standby mode, the camera turns off.

- While the power-on lamp is blinking, press the buttons indicated below to reactivate the monitor in shooting or playback mode.
  - Playback mode: power switch, shutter-release button, or ▶ button
  - Shooting mode: ▲ button
- To resume projection, press the ▣ button again in playback mode or shooting mode.
- The time allowed to pass before the camera enters standby mode when no operations are performed during projection can be changed from **Auto off** (□ 173) in the projector settings menu (□ 172).

🖊 **Projection Distance and Projected Picture Size**

Projection distance	Projected picture size
26 cm (10 in.)	Approx. 10 × 7.5 cm (4 × 3 in.; equivalent to 5-inch display)
50 cm (1 ft. 7 in.)	Approx. 20 × 15 cm (8 × 6 in.; equivalent to 10-inch display)
1.0 m (3 ft. 3 in.)	Approx. 40 × 30 cm (16 × 12 in.; equivalent to 20-inch display)
1.5 m (4 ft. 11 in.)	Approx. 60 × 45 cm (24 × 18 in.; equivalent to 30-inch display)
2.4 m (7 ft. 10 in.)	Approx. 94 × 70 cm (37 × 28 in.; equivalent to 47-inch display)

Using the projector

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Using Projector Mode

While a picture is displayed full-frame in projector mode, the following operations can be performed with the camera or the remote control ($\square$ 6).

To	Use	Description	$\square$
Display the previous or subsequent picture		Press the ▲, ▼, ◀, or ▶ button on the remote control. Press and hold the ▲, ▼, ◀, or ▶ button for continuous frame-by-frame rewinding or advancing. Previous or subsequent pictures can also be viewed by dragging the picture on the camera's monitor.	10
Playback zoom	**T** ($\mathbf{Q}$)	Zoom in to a maximum of 10×. Press the apply selection button on the remote control or tap ☒ on the camera's monitor to return to full-frame playback mode. In projector mode, pictures enlarged with playback zoom cannot be cropped ($\square$ 122).	82
View thumbnails	**W** ($\mathbf{\boxminus}$)	Display 9 picture thumbnails. Press the ▲, ▼, ◀, or ▶ button on the remote control to select a picture. Press the apply selection button on the remote control or tap the picture displayed on the camera's monitor.	80
Playback movies	▶	Movies are displayed with the ▶ indicator. Press the apply selection button on the remote control or tap ▶ on the camera's monitor to start playback.	167
Start slide show	▣	Press the ▣ button on the remote control. When the bottom tab on the camera's monitor is tapped to display the setting controls, and ▣ is tapped, the playback settings for the slide show can be made.	169
Apply projection settings	Bottom tab	Tap the bottom tab on the monitor of the camera to display the setting controls, and **Paint**, **Glamour retouch**, or **Slide show** option can be enabled.	168

To	Use	Description	📖
Set the picture rating/play back pictures by rating	Right tab (★)	Apply a rating of one to five to each picture or play back pictures by rating.	97
Switch to another playback mode	▶ (camera only)	Press the ▶ button to display the playback-mode selection menu and switch to favorite pictures mode, auto sort mode, or list by date mode.	83
End projection	📷	Press the 📷 button to return to shooting or playback mode.	8
	🔾 (camera only)	Press the 🔾 button to switch to shooting mode.	

Projecting Movies

In projector mode, movies are indicated by 🎬 in full-frame playback mode. Press the apply selection button on the remote control or tap 🎬 on the camera's monitor to play back movies.

See "Movie Playback" (📖 128) for operations on the camera's monitor during playing back movies. Following operations can be performed using the remote control.

To	Use	Description
Rewind or advance	◀ or ▶	Touch and hold to rewind or advance movies.
Pause	Apply selection button	Press the apply selection button to pause playback. Following operations can be performed using the remote control while playback is posed.
	◀	Touch and hold ◀ to rewind movie continuously.
	▶	Touch and hold ▶ to advance movie continuously.
	Apply selection button	Press the apply selection button to resume playback.
Adjust volume	**T** (+)/**W** (−)	Adjust volume of movie sound.
End projection	🎬	Switches to full-frame playback mode.

Changing the Projecting Settings

When the tab is tapped in projector mode and the setting controls are displayed, pictures can be decorated with the paint option and projected as a slide show with effects.

- Tap the icon of the desired item to display the setting screen for that item.
- Tap the tab again to hide the setting controls.

1 2 3 4

---
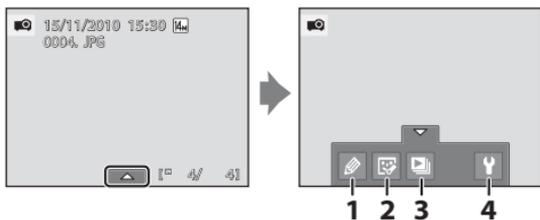
1   ✏ Paint   □ 110

Draw on and decorate projected pictures in the same manner as when editing pictures in playback mode. It is also possible to crop the projected picture. Use ✏, ◇, 🔲, 📷, or 📷 tools to paint pictures. Painted copies can be stored as separate files (□ 180).

- The 📷 (crop projected area) setting can be selected when drawing on or decorating pictures in projector mode. Drag your finger across the camera monitor to select the area to crop. The area outside of the enclosed area becomes black.
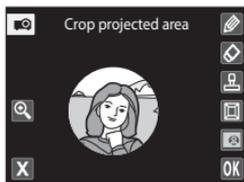
2   🖼 Glamour retouch   □ 119

Glamour retouch can be used to soften the skin tone of faces detected in a picture and make the faces look smaller with larger eyes in the same manner as when editing pictures in playback mode. New copies are stored as separate files (□ 180).

3   🖼 Slide show   □ 169

Project pictures stored in the internal memory or on the memory card as an automated slide show.

4   Ÿ Projector settings   □ 172

The basic settings for the projector can be made.

B Notes on Slide Show

- Only the first frame of movies (□ 128) included in slide shows is displayed.
- The maximum playback time is approximately 30 minutes even if **Loop** is enabled (□ 173).

⚏ Projector Slide Show

⚏ button (projector mode) ➔ Tap the bottom tab ➔ ⚏ Slide show

Project pictures stored in the internal memory or on the memory card as an automated slide show.

1 Check the camera position and focus with the standby screen.

Follow steps 3 and 4 under "Projecting Pictures" (□ 163) to adjust camera position and focus.

Tap 🖼 (View selected images) on the monitor to select and play back the pictures as a slide show in projector mode (□ 170).

Tap 🖻 (Effects), 🕒 (Frame intvl), 🎵 (Background music), or 🔊 (volume) to change each setting (□ 171).

To repeat slide show automatically, tap 🔁 (loop playback).

2 Press the ⚏ button on the remote control.

When the ⚏ button on the remote control is pressed without displaying the standby screen in step 1, the slide show begins with the previously made settings.

The operations described in step 3 to 4 can also be performed with the operation controls on the camera's monitor or the **T** and **W** zoom controls.

3 The slide show begins.

While the slide show is in progress, press the ▶ button on the remote control to display the next picture or the ◀ button to display the previous picture. Hold down the buttons to advance or rewind the slide show.

Press the apply selection button to pause the slide show, or press the ⚏ button to end it.

During a slide show with **Background music**, the volume can be adjusted with the **T** (+) or **W** (–) button.

4 End or resume the slide show.

When the slide show ends or is paused, press the ⚏ button to return to the screen shown in step 1. Press the apply selection button to resume the slide show.

Using the projector

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Selecting Pictures for Slide Show and Projecting

1 Tap 🖼 (View selected images) under step 1 in "▣ Projector Slide Show" (◻ 169).

2 Tap **On**.

Select images screen is displayed.

3 Select pictures to be projected in the thumbnails at the bottom of the screen and drag and drop (◻ 10) it to the list area.

To delete the picture from the list, drag and drop the picture to the thumbnails area.

To change the order of the pictures displayed, first delete the pictures from the list, and then drag and drop them back into the list in the desired order.

Tap 🔄 to cancel the selection of all pictures.

List

Thumbnails
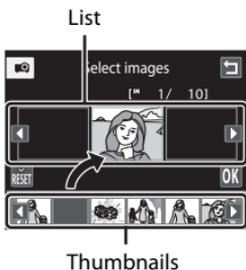
4 Drag and drop all pictures to play back to the list, and tap **OK**.

The list is saved and the screen returns to the standby screen.

Only a single list can be saved. To change the picture selection, perform the procedure from step 1 and reselect the pictures in step 3.

To cancel the slide show of selected images, tap **Off** in step 2.

Created list is stored in the camera's memory even after the camera is turned off.

B Notes on View Selected Images

- **•** Up to 200 pictures can be added to the list.
- **•** An individual picture cannot be added to the list twice.

Using the projector

Slide Show Options

Tap 🖼 (Effects), 🕒 (Frame intvl), 🎵 (Background music), or 🔊 (Volume) in the step 1 under "📽 Projector Slide Show" (□ 169) to change each setting.

🖼 Effects

Select from **Classic** (default setting), **Animated**, **Zoom**, or **Pop art**.

🕒 Frame intvl

Specify the length of time a picture is displayed.
Default setting is **3 s**.
When **Manual advance only** is selected, the displayed pictures do not advance automatically. Change the displayed picture by pressing the ◀ or ▶ button on the remote control or by dragging the images on the camera's monitor. Use this setting to manually switch the pictures in slide shows using transition effects or background music.

🎵 Background music

Select from **Up-tempo**, **Moderate tempo**, **Slow tempo**, and **None** (default setting).

🔊 Volume

Tap the volume icon to adjust the volume of the background music.

Using the projector

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Changing the Projector Settings (Projector Settings Menu)

Power saving ($\Box$ 172), **Auto off** ($\Box$ 173), and **Tone compensation** ($\Box$ 173) settings can be adjusted from the projector settings menu.

Operating the Projector Settings Menu

1 Tap the bottom tab in projector mode.

2 Tap $\mathbf{Y}$.

Projector settings menu is displayed on the camera's monitor.

3 Tap the desired menu to set.

Tap $\boxed{\leftarrow}$ to return to previous screen.

In the screen with $\boxed{\text{OK}}$, tap $\boxed{\text{OK}}$ to apply the setting.

To exit from the projector settings menu, tap $\boxed{\leftarrow}$.
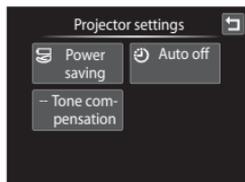
☐ Power Saving

$\boxed{\blacksquare}$ button (projector mode) ➔ Tap the bottom tab ➔ $\mathbf{Y}$ (Projector settings menu) ➔ ☐ Power saving

This option offers automatic adjustment of projection brightness to save power.

On

Enable power saving mode. Projection may appear slightly darker than when **Off** is selected.

Off (default setting)

Power saving mode is disabled. When the battery is low, the camera automatically adjusts projection brightness to save power even when **Off** is selected.

Using the projector

⏱ Auto Off

If no operations are performed for a while during projection, camera ends projection and enters standby mode (□ 21) for saving the power.

In this option, set the time allowed to elapse before the camera enters standby mode.

30 s, **1 min**, **5 min** (default setting), and **30 min** can be selected.

🖉 Canceling Standby Mode

- When the camera enters standby mode from projector mode, press the power switch, shutter-release button or ▶ button to activate playback mode.
- Press the 🔿 button to activate shooting mode.
- To resume projection, press the 🔲 button again in playback mode or shooting mode.

🖉 Notes on Auto Off

The time allowed to pass before the camera enters standby mode is fixed as follows:

- During slide show playback with the loop option enabled: 30 minutes
- When a setting screen or the projector settings menu is displayed: three minutes

Tone Compensation

Dark portions of pictures are brightened when projected.

On (default setting)

Dark portions of pictures are brightened when projected. The results of tone compensation vary depending on the picture.

Off

Tone compensation is disabled.

Using the projector

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Tips: Projecting PowerPoint Presentations with the Camera Alone

Save Microsoft PowerPoint® files in JPEG format, copy them to the memory card, and use the camera to project them.

1 In PowerPoint, save a PowerPoint file with a different name in JPEG format.
- A new folder with the same name as the renamed file is created, and a JPEG file for each slide of the PowerPoint document is saved in the new folder.
- Be sure to use PowerPoint to save the file with a new name. Refer to the PowerPoint Help documentation for more information on saving files with new names and in different formats.

2 Change the name of the folder and JPEG files.
- Folder name: three-digit single-byte number[1] + five-character single-byte alphabetic string[2]
  e.g. "105USERS"
- JPEG file name: FSCN + four-digit single-byte number[3]
  e.g. "FSCN0001.jpg," "FSCN0002.jpg," etc.
- 1. Use a three-digit number that is one higher than the highest number used for existing subfolders in the DCIM folder described in step 3. The "105" in the example above is used when "104" is the highest number in the names of existing subfolders.
- 2. "NIKON" cannot be used as the five-character single-byte alphabetic string.
- 3. The JPEG files can be projected in the same order as the slides in the PowerPoint presentation if their four-digit single-byte file numbers are placed in the same order.

3 Using the card reader, open the memory card[4] folder on the computer desktop.
- Open the DCIM folder and copy the folder containing the JPEG files created in step 2 into it.
- Additional JPEG files created from PowerPoint files can be added to the folders containing the JPEG files. (However, only the files can be added to these folders. The folders containing the files cannot be placed in these folders.)
- When removing the memory card from the computer, remove the removable disk first and then remove the memory card.
- 4. Use a memory card that has been formatted or used for shooting at least once with the COOLPIX S1100pj.

4 Insert the memory card into the camera, turn on the camera, and press the 🔁 button.
- The camera's built-in projector operates the same as normal when projecting PowerPoint documents converted to JPEG format.

C **Notes on Playing Back PowerPoint Documents (JPEG Files)**
- PowerPoint animations cannot be projected.
- In thumbnail playback mode, PowerPoint documents are displayed as black thumbnails.

Maximizing Camera Life and Performance

To ensure continued enjoyment of this 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 humidity.

☑ Do not drop

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

☑ Handle the lens, projector window, and all moving parts with care

Do not apply force to the lens, lens cover, projector window, monitor, memory card slot or battery chamber. These parts are easily damaged. Applying force to the lens cover could result in camera malfunction or damage to the lens. Should the monitor break, care should be taken to avoid injury caused by broken glass and to prevent the liquid crystal from the display touching the skin or entering the eyes or mouth.

☑ Do not point the lens at strong light sources for extended periods

Avoid pointing the lens at the sun or other strong light sources for extended periods when using or storing the camera. Intense light may cause deterioration of the CCD image sensor, producing a white blur effect in photographs.

☑ 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 charge 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 when entering or leaving a heated building on a cold day, can cause condensation to form 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.

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

Do not remove the battery while the product is on, or while images are being recorded or deleted. Forcibly cutting power in these circumstances could result in loss of data or in damage to product memory or internal circuitry.

📝 **The Battery**

- Check the battery level before using the camera and replace or charge the battery if necessary. Do not continue charging once the battery is fully charged as this will result in reduced battery performance. Whenever possible, carry a fully charged spare battery when taking pictures on important occasions.

- Do not use the battery at ambient temperatures below 0 ℃ (32 °F) or above 40 ℃ (104 °F). Failure to observe this precaution could damage the battery or impair its performance.

- Charge the battery indoors with an ambient temperature of 5 ℃ to 35 ℃ (41 °F to 95 °F) before use. When the battery temperature is between 0 and 10 ℃ (32 to 50 °F) or 45 to 60 ℃ (113 to 140 °F), the chargeable capacity may decrease. The battery will not charge if its temperature is below 0 ℃ (32 °F) or above 60 ℃ (140 °F).

- Note that the battery may become hot during use; wait for the battery to cool before charging. Failure to observe these precautions could damage the battery, impair its performance, or prevent it from charging normally.

- On cold days, the capacity of batteries tends to decrease. Be sure that the battery is fully charged before heading outside to take pictures in cold weather. Keep spare batteries in a warm place and exchange as necessary. Once warmed, a cold battery may recover some of its charge.

- Dirt on the battery terminals can prevent the camera from functioning. Should the battery terminals become dirty, wipe them off with a clean, dry cloth before use.

- If the battery will not be used for some time, insert it in the camera and run it flat before removing it for storage. The battery should be stored in a cool location with an ambient temperature of 15 to 25 ℃ (59 to 77 °F). Do not store the battery in hot or extremely cold locations.

- Always remove the battery from the camera or optional battery charger when it is not being used. When inserted, minute amounts of current are drawn from the battery even when not in use. This may result in excessive draining of the battery and complete loss of function. Turning the camera on or off while the battery is exhausted can result in reduced battery life.

- Recharge the battery at least once every six months and completely exhaust it before returning it to storage.

- After removing the battery from the camera or battery charger, replace the supplied terminal cover and store in a cool place.

- A marked drop in the time a fully-charged battery retains its charge, when used at room temperature, indicates that the battery needs to be replaced. Purchase a new EN-EL12 battery.

- Replace the battery when it no longer holds a charge. Used batteries are a valuable resource. Please recycle used batteries in accordance with local regulations.

Cleaning

Lens/ projector window	Avoid touching the lens/projector window with your fingers. Remove dust or lint with a blower (typically a small device with a rubber bulb attached to one end that is pumped to produce a stream of air out the other end). To remove fingerprints or other stains that cannot be removed with a blower, wipe the lens/projector window with a soft cloth, using a spiral motion that starts at the center of them and working toward the edges. If this fails, clean them using a cloth lightly dampened with commercial lens cleaner.
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, dirt or sand, then wipe gently with a soft, dry cloth. After using the camera at the beach or other sandy or dusty environment, wipe off any sand, dust, or salt with a dry cloth lightly dampened with fresh water and dry thoroughly. ***Note that foreign matter inside the camera could cause damage not covered by the warranty.***

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

Storage

Turn the camera off when not in use. Be sure that the power-on lamp is off before putting the camera away. Remove the battery if the camera will not be used for an extended period. Do not store the camera with naphtha or camphor moth balls, or in any of the following locations:

- Next to equipment that produces strong electromagnetic fields, such as televisions or radios
- Exposed to temperatures below −10 °C (14 °F) or above 50 °C (122 °F)
- Places that are poorly ventilated or 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.

🖉 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 displays, and does not indicate a malfunction. Images recorded using the product will not be affected.
- White or colored streaks may be visible when bright subjects are framed in the monitor. This phenomenon, known as "smear," occurs when extremely bright light strikes the image sensor; it is characteristic of image sensors and does not indicate a malfunction. Smear may also take the form of partial discoloration in the monitor during shooting. It does not appear in images recorded with the camera except in the cases of movies and of images recorded with **Multi-shot 16** selected for **Continuous**. When shooting in these modes, we recommend that you avoid bright subjects such as the sun, reflected sunlight, and electric lights.
- Images in the monitor may be difficult to see under bright lighting.
- The monitor is lit by an LED backlight. Should the monitor begin to dim or flicker, contact your Nikon-authorized service representative.

Caring for the Camera

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Optional Accessories

Rechargeable battery	Rechargeable Li-ion Battery EN-EL12
Battery charger	Battery Charger MH-65
AC adapter	AC Adapter EH-62F Connecting the EH-62F Be sure that the AC adapter cord has been properly aligned in AC adapter and battery chamber grooves before closing the battery-chamber/memory card slot cover. If the cord is not properly aligned in the grooves, the cover and cord may be damaged when the cover is closed.
USB cable	USB Cable UC-E6
Audio/video cable	Audio Video Cable EG-CP14
Remote control	Remote Control ML-L5
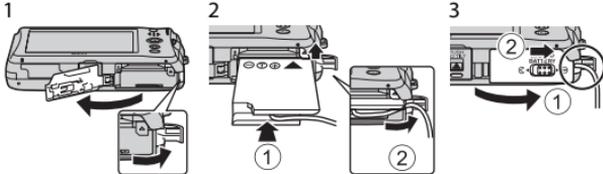
Approved Memory Cards

The following Secure Digital (SD) memory cards have been tested and approved for use in this camera.

- Memory cards with an SD Speed Class rating of 6 or faster are recommended for recording movies. Movie recording may stop unexpectedly when memory cards with a lower Speed Class rating are used.

	SD memory card	SDHC memory card[2]	SDXC memory card[3]
SanDisk	2 GB[1]	4 GB, 8 GB, 16 GB, 32 GB	64 GB
TOSHIBA	2 GB[1]	4 GB, 8 GB, 16 GB, 32 GB	64 GB
Panasonic	2 GB[1]	4 GB, 8 GB, 12 GB, 16 GB, 24 GB, 32 GB	48 GB, 64 GB
Lexar	2 GB[1]	4 GB, 8 GB, 16 GB, 32 GB	–

1 If the memory card is used with a card reader or similar device, be sure that the device supports an SD memory card of 2 GB or more.
2 SDHC compliant. If the memory card is used with a card reader or similar device, be sure that the device is compliant with the SDHC standard.
3 SDXC compliant. If the memory card is used with a card reader or similar device, be sure that the device is compliant with the SDXC.

Contact the manufacturer for details on the above cards.

Image/Sound File and Folder Names

Pictures, movies, or voice memos are assigned file names as follows.

DSCN0001.JPG

Identifier (not shown on camera monitor)

Original still pictures (voice memo attachment included) and movies	DSCN
Small copies (voice memo attachment included)	SSCN
Cropped copies (voice memo attachment included)	RSCN
Copies created using editing function other than small picture and crop (voice memo attachment included)	FSCN

Extension (signifies the file type)

Still pictures	.JPG
Movies	.MOV
Voice memos	.WAV

File number (assigned automatically in ascending order, starting with "0001")

- **•** Files are stored in folders named with a folder number followed by a five-character identifier: "P_" plus a three-digit sequence number for pictures taken using **Panorama assist** scene mode (e.g. "101P_001"; A 71) and "NIKON" for all other pictures (e.g. "100NIKON"). When the number of files within a folder reaches 9999, a new folder will be created. File numbers will be assigned automatically starting with "0001."
- **•** Voice memo file names have the same identifier and file number as the picture to which the voice memo is attached.
- **•** Files copied using **Copy**>**Selected images** are copied to the current folder, where they are assigned new file numbers in ascending order starting from the largest file number in memory. **Copy**>**All images** copies all folders from the source medium; file names do not change but new folder numbers are assigned in ascending order, starting from the largest folder number on the destination medium (A 161).
- **•** A single folder can hold up to 200 pictures; if the current folder already contains 200 pictures, a new folder, named by adding one to the current folder name, will be created the next time a picture is taken. If the current folder is numbered 999 and contains 200 pictures, or a picture is numbered 9999, no further pictures can be taken until the internal memory or memory card is formatted (A 154), or a new memory card is inserted.

Error Messages

The following table lists the error messages and other warnings displayed in the monitor, as well as the solutions for dealing with them.

Display	Problem	Solution	A
⊙ (blinks)	Clock not set.	Set date and time.	145
⊡	Battery running low.	Prepare to charge or replace battery.	18, 20
❶ Battery exhausted.	Battery exhausted.	Charge or change battery.	18, 20
① Battery temperature high	Battery temperature is high.	Turn off camera, and allow battery to cool down before resuming use. After five seconds, this message will disappear, the monitor will turn off, and the power-on lamp will blink rapidly. After the lamps blink for three minutes, the camera will turn off automatically. Pressing the power switch also turns off the camera.	21
① The camera will turn off to prevent overheating.	The camera has become hot due to the heat of the projector.	The camera turns off automatically. Leave the camera off until it has cooled and then turn it on again.	164
⁝AF● (● blinks red)	Camera cannot focus.	• Refocus. • Focus on another subject positioned at the same distance from the camera as the intended subject.	30, 31 46
① Please wait for the camera to finish recording.	Camera cannot perform other operations until recording is complete.	Wait until message clears from display automatically when recording is complete.	–
① Memory card is write protected.	Write-protect switch is in "lock" position.	Slide write-protect switch to "write" position.	25

Display	Problem	Solution	🔲
ⓘ This card cannot be used. ⓘ This card cannot be read.	Error accessing memory card.	• Use approved card. • Check that connectors are clean. • Confirm that memory card is correctly inserted.	179 24 24
ⓘ Card is not formatted. Format card? Yes No	Memory card has not been formatted for use in COOLPIX S1100pj.	Formatting deletes all data stored on the memory card. Be sure to tap **No** and make copies of any pictures which need to be kept before formatting the memory card. Tap **Yes** to format the memory card.	25
ⓘ Out of memory.	Memory card is full.	• Choose smaller image size. • Delete pictures. • Insert new memory card. • Remove memory card and use internal memory.	39 33 24 24
ⓘ Image cannot be saved.	Error occurred while recording picture.	Format internal memory or memory card.	154
	Camera has run out of file numbers.	Insert new memory card or format internal memory or memory card.	180
	Picture cannot be used for welcome screen.	The following pictures cannot be registered as welcome screen. • Pictures taken at an **Image mode** setting of 🖼 **3968×2232** • Pictures reduced to 320 × 240 size or smaller with cropping or small picture editing	144
	Insufficient space to save a copy.	Delete pictures from destination.	33

Display	Problem	Solution	⌘
ⓘ Album is full. No further pictures can be added.	Over 200 pictures have already been added to album.	• Remove some pictures from album. • Add to other albums.	87 84
ⓘ A blink was detected in the picture just taken.	One or more portrait subjects may have blinked when the picture was taken.	Check the picture in playback mode.	76, 79
ⓘ Image cannot be modified.	Cannot edit selected picture.	• Select pictures that support editing function. • Movies cannot be edited.	108 –
ⓘ Cannot record movie.	Time out error while recording movie.	Choose memory card with faster write speed.	124, 179
ⓘ Memory contains no images.	No pictures in the internal memory or memory card.	• Remove the memory card from the camera to play back pictures stored in the camera's internal memory. • To copy picture from internal memory to memory card, display the setup menu and select **Copy**.	24 161
	The picture has not been added to album.	• Add the picture to album. • Choose the album to which picture was added.	84 86
	No pictures are contained in the category selected in auto sort mode.	Select the category containing the sorted pictures.	92
ⓘ File contains no image data. **ⓘ** This file cannot be played back.	File not created with this camera.	File cannot be viewed on this camera. View file using a computer or the device used to create or edit this file.	–
ⓘ All images are hidden.	No pictures are available for a slide show.	–	98

Display	Problem	Solution	🔲
❶ This image cannot be deleted.	Picture is protected.	Disable protection.	99
❶ Travel destination is in the current time zone.	Destination in same time zone as home.	–	147
ⓘ Rating maximum reached. No further pictures can be rated.	Over 999 pictures have already been rated.	Cancel the rating setting of them.	97
ⓘ No images with this rating found.	There are no pictures with the selected rating.	• Apply the rating to pictures. • Select a rating that has been applied to pictures.	97 97
Lens error ❶	Lens error.	Turn camera off and then on again. If error persists, contact retailer or Nikon-authorized service representative.	21, 26
ⓘ Communications error	USB cable disconnected during data transfer to printer.	Turn camera off and reconnect cable.	137
System error ❶	Error has occurred in camera's internal circuitry.	Turn camera off, remove and reinsert battery, and turn camera on. If error persists, contact retailer or Nikon-authorized service representative.	21
ⓘ⚠ Printer error: check printer status.	Printer error.	Check printer. After solving the problem, tap **Resume** to resume printing.*	–
ⓘ⚠ Printer error: check paper	Specified size of paper is not loaded in printer.	Load the specified paper, tap **Resume** to resume printing.*	–
ⓘ⚠ Printer error: paper jam	Paper has jammed in printer.	Eject the jammed paper, tap **Resume** to resume printing.*	–

Display	Problem	Solution	📖
🔴📷 Printer error: out of paper	No paper is loaded in printer.	Load the specified paper, tap **Resume** to resume printing.*	–
🔴📷 Printer error: check ink	Ink error.	Check ink, tap **Resume** to resume printing.*	–
🔴📷 Printer error: out of ink	Running out of ink or ink cartridge is empty.	Replace ink cartridge, tap **Resume** to resume printing.*	–
🔴📷 Printer error: file corrupt	An error caused by the image file has occurred.	Tap **Cancel** to cancel printing.	–

* See the documentation provided with your printer for further guidance and information.

Troubleshooting

If the camera fails to function as expected, check the list of common problems below before consulting your retailer or Nikon-authorized service representative.

Display, Settings and Power Supply

Problem	Cause/Solution	⬚
Monitor is blank.	• Camera is off. • Battery is exhausted. • Standby mode for saving power: press the power switch, the shutter-release button, ◘ button, ▶ button, or ● (movie-record) button. • When flash lamp blinks, wait until flash has charged. • Camera and computer are connected via USB cable. • Camera and TV are connected via audio/video cable. • The monitor turns off when using the remote control to operate the camera in projector mode.	21 26 21, 153 35 132 129 163
Monitor is hard to read.	• Adjust monitor brightness. • Monitor is dirty. Clean monitor.	148 177
Camera turns off without warning.	• Battery is exhausted. • Camera has turned off automatically to save power. • The camera has become hot due to the heat of the projector. Leave the camera off until it has cooled and then turn it on again. • The camera and battery may not work properly at low temperatures.	26 153 164, 181 176
Date and time of recording are not correct.	• If camera clock has not been set, "Date not set" indicator blinks during shooting and movie recording. Pictures and movies recorded before clock is set are dated "00/00/0000 00:00" or "01/01/2010 00:00" respectively. Set the correct time and date from the **Date** option in the setup menu. • Check camera clock regularly against more accurate timepieces and reset as required.	22, 145 145
No indicators displayed in monitor.	**Playback** is set to **Auto info** for **Monitor settings** in the setup menu.	148
Date imprint not available.	**Date** setting is not applied in the setup menu.	22, 145

Problem	Cause/Solution	⌕
Date not appearing on pictures even when **Date imprint** is enabled.	• Another function that restricts the **Date imprint** option is enabled. • The current shooting mode is one that does not support **Date imprint**.	77 149
Camera settings reset.	Clock battery is exhausted; all settings were restored to their default values.	146
Monitor turns off, and the power-on lamp blinks rapidly.	Battery temperature is high. Turn off camera and allow battery to cool down before resuming use. After the lamp blinks for three minutes, the camera will turn off automatically. Pressing the power switch also turns off the camera.	21
Camera does not respond to remote control operation.	• Battery of the remote control is exhausted. • Point the remote control at the infrared receiver on the front or rear of the camera at the distance within approximately 5 m (16 ft.). • The remote control cannot be used when **Smile timer** is set to **On** in smart portrait mode and the camera detects human faces. • The shutter may not be released when attempting to use the remote control to take pictures of scenes exhibiting severe backlighting.	7 48, 164 74 –

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 battery, then turn the camera on again. In the event of continued malfunction, contact your retailer or Nikon-authorized service representative. Note that disconnecting the power source as described above may result in the loss of any data not recorded to internal memory or the memory card at the time the problem occurred. Data already recorded will not be affected.

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Shooting

Problem	Cause/Solution	𝄃
No picture taken when shutter-release button is pressed.	• When camera is in playback mode, or setting items or setup menu are displayed, press the shutter-release button. • Battery is exhausted. • When flash lamp blinks, flash is charging.	32 26 35
Camera cannot focus.	• The intended subject is one with which autofocus does not perform well. • Set **AF assist** in the setup menu to **Auto**. • Turn camera off and then on again.	31 151 21
Pictures are blurred.	• Use flash. • Increase the ISO sensitivity value. • Enable vibration reduction. • Use **BSS** (best shot selector). • Use tripod and self-timer.	34 57 150 58 37
Streaks of light or partial discoloration are visible in the monitor.	Smear occurs when extremely bright light strikes the image sensor. When shooting with **Continuous** set to **Multi-shot 16** and when recording movies, avoiding bright objects, such as the sun, reflections of the sun, and electric lights is recommended.	177
Bright specks appear in pictures taken with flash.	Flash is reflecting off particles in air. Set the flash mode setting to ⑮ (off).	35
Flash does not fire.	• The flash mode is set to ⑮ (off). • Scene mode with which the flash does not function is selected. • **On** is selected for **Blink proof** in smart portrait mode. • Another function that restricts flash is enabled.	34 62 76 77

Digital zoom cannot be used.	• **Digital zoom** is set to **Off** in the setup menu.
	• Digital zoom is not available in the following situations.
	  - **Subject tracking** is selected for the touch shooting setting.
	  - When **Portrait** or **Night portrait** scene mode is selected.
	  - When shooting in smart portrait mode
	  - When **Continuous** is set to **Multi-shot 16**.
		152
		
		55
		64, 65
		73
		58

Image mode not available.	Another function that restricts the **Image mode** option is enabled.	77

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Problem	Cause/Solution	$\square$
No sound when shutter is released.	**Off** is selected for **Sound settings**>**Shutter sound** in setup menu. No sound is heard with some shooting modes and settings, even when **On** is selected.	152
AF-assist illuminator does not light.	**Off** is selected for the **AF assist** option in the setup menu. AF-assist illuminator may not light depending on the position of the focus area or the current scene mode, even when **Auto** is selected.	64-70, 151
Pictures appear smeared.	Lens is dirty. Clean lens.	177
Colors are unnatural.	White balance does not match light source.	59
Randomly spaced bright pixels ("noise") appear in image.	Shutter speed too slow or ISO sensitivity is high as the subject is dark. Noise can be reduced by: • Using flash. • Specifying a lower ISO sensitivity setting.	34 57
Pictures are too dark (underexposed).	• The flash mode is set to ⊛ (off) • Flash window is blocked. • Subject is beyond flash range. • Adjust exposure compensation. • Increase ISO sensitivity. • Subject is backlit. Select **Backlighting** scene mode or set the flash mode setting to ♦ (fill flash).	34 28 34 47 57 34, 69
Pictures are too bright (overexposed).	Adjust exposure compensation.	47
Unexpected results when flash set to ♦⊚ (auto with red-eye reduction).	When taking pictures with ♦⊚ (auto with red-eye reduction) or fill flash with slow sync and red-eye reduction in **Night portrait** scene mode, In-Camera Red-Eye Fix may be applied to areas not affected by red-eye. Use any scene mode other than **Night portrait**, and change the flash mode to any setting other than ♦⊚ (auto with red-eye reduction) and try shooting again.	34, 65
Skin tones are not softened.	• Under some shooting conditions, facial skin tones may not be softened. • Select ☺ (skin softening) for **Glamour retouch** in the retouch menu for pictures containing four or more faces.	74 119

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Problem	Cause/Solution	🛄
Saving images takes time.	It may take more time to save images in the following situations. • When the noise reduction function is in operation • When flash mode is set to ⚡⊚ (auto with red-eye reduction) • When the skin softening function is applied while shooting	35 36 64, 65, 75

Playback

Problem	Cause/Solution	🛄
File cannot be played back.	• File or folder was overwritten or renamed by computer or other make of camera. • The COOLPIX S1100pj is not able to playback movies recorded with another make or model of digital camera.	– 128
Cannot zoom in on picture.	Playback zoom cannot be used with movies, small pictures, or pictures that have been cropped to a size of 320 × 240 or smaller.	–
Cannot record or play back voice memos.	• Voice memos cannot be attached to movies. • Voice memos cannot be attached to images taken with other cameras. Voice memos attached to images using another camera cannot be played back on this camera.	128 106
Cannot edit pictures.	• These options cannot be used with movies. • These options cannot be used with pictures taken at an **Image mode** setting of 🗃 **3968×2232**. • Select pictures that support editing functions. • Camera is unable to edit pictures taken with other cameras.	128 39 108 108
Pictures not displayed on television.	• Choose correct **Video mode** in **Interface** option. • Memory card contains no pictures. Replace the memory card. Remove the memory card to play back pictures from the internal memory. • TV display is turned off and pictures are displayed in the camera monitor.	155 24 130

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Problem	Cause/Solution	$\square$
Album icon restored to default settings, or pictures added to album not displayed in favorite pictures mode.	Data on the memory card may not be played back correctly if overwritten by a computer.	–
The recorded pictures are not displayed in auto sort mode.	• The desired picture was sorted to a category other than the category currently displayed.	91
	• Pictures recorded by a camera other than the COOLPIX S1100pj and pictures copied using the **Copy** option cannot be displayed in auto sort mode.	161
	• Pictures recorded in the internal memory or on the memory card may not be played back correctly if overwritten by a computer.	–
	• Up to 999 pictures and movies in total can be added to each category. If the desired category already contains 999 pictures or movies in total, new pictures or movies cannot be added.	92
Nikon Transfer 2 does not start when camera is connected.	• Select the **Interface** setting from the setup menu and set the **USB** option to **MTP/PTP**, and try to connect the camera again.	155
	• Camera is off.	21
	• Battery is exhausted.	26
	• USB cable is not correctly connected.	132
	• Camera is not recognized by the computer.	–
	• Confirm system requirements.	131
	• Refer to help information contained in ViewNX 2.	135
The PictBridge startup screen is not displayed when the camera is connected to a printer.	Select the **Interface** setting from the setup menu and set the **USB** option to **MTP/PTP**, and try to connect the camera again.	155
Pictures to be printed are not displayed.	• Memory card contains no pictures. Replace the memory card.	24
	• Remove the memory card to print pictures from the internal memory.	24

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Problem	Cause/Solution	🕮
Cannot select paper size with camera.	Paper size cannot be selected from the camera in the following situations, even when printing from a PictBridge-compatible printer: • The printer does not support the paper sizes specified by the camera. • The printer automatically selects the paper size.	138, 139 –
Projected pictures are not sharp.	• Projector window is dirty. • The camera is placed too far or too close to the screen. Adjust the distance between the camera and the screen. • The picture is out of focus. Adjust the focus with the projector focus dial.	177 163 163

Specifications

Nikon COOLPIX S1100pj Digital Camera

Type	Compact digital camera
Effective pixels	14.1 million
Image sensor	$^1/2.3$-in. type CCD; total pixels: approx. 14.48 million
Lens	5× optical zoom, NIKKOR lens
Focal length	5.0-25.0mm (angle of view equivalent to that of 28-140 mm lens in 35mm [135] format)
f/-number	f/3.9-5.8
Construction	13 elements in 9 groups
Digital zoom	Up to 4× (angle of view equivalent to that of approx. 560 mm lens in 35mm [135] format)
Vibration reduction	Combination of lens-shift and electronic VR (still pictures) Lens-shift (movies)
Autofocus (AF)	Contrast-detect AF
Focus range (from lens)	• Approx. 30 cm (1 ft.) to ∞ (W); approx. 50 cm (1 ft. 8 in.) to ∞ (T) • Macro mode: Approx. 3 cm (1.2 in.) to ∞ zoom indicator positioned to the left of △ to maximum (wide-angle position)
Focus-area selection	Face priority, auto (9-area automatic selection), center, manual (focus area can be selected using the touch panel), subject tracking
Monitor	7.5 cm (3-in.), approx. 460k-dot, TFT LCD (touch panel) and 5-level brightness adjustment
Frame coverage (shooting mode)	Approx. 97% horizontal and 97% vertical (Compared to actual picture)
Frame coverage (playback mode)	Approx. 100% horizontal and 100% vertical (Compared to actual picture)
Storage	
Media	• Internal memory (approx. 79 MB) • SD/SDHC/SDXC memory card
File system	DCF, Exif 2.2, and DPOF compliant
File formats	Still pictures: JPEG Sound files (Voice Memo): WAV Movies: MOV (video: MPEG-4 AVC/H.264, audio: AAC monaural)
Image size (pixels)	• 14M (High image quality) [4320 × 3240★] • 14M [4320 × 3240] • 8M [3264 × 2448] • 5M [2592 × 1944] • 3M [2048 × 1536] • PC [1024 × 768] • VGA [640 × 480] • 16:9 [3968 × 2232]

ISO sensitivity (Standard output sensitivity)	• ISO 80, 100, 200, 400, 800, 1600, 3200, 6400 • Auto (auto gain from ISO 80 to 800) • Fixed range auto (ISO 80 to 200, 80 to 400)
Exposure	
Metering	256-segment matrix, center-weighted (digital zoom less than 2×), spot (digital zoom 2× or more)
Exposure control	Programmed auto exposure with motion detection and exposure compensation (–2.0 to +2.0 EV in steps of $^1/_3$ EV)
Range (🄰 auto mode)	[W]: 1 to 16.7 EV [T]: 2.1 to 17.9 EV (exposure values achieved with automatic ISO sensitivity adjustment converted to ISO 100 values)
Shutter	Mechanical and charge-coupled electronic shutter
Speed	$^1/_{1500}$-2 s 4 s (when scene mode is set to **Fireworks show**)
Aperture	Electronically-controlled ND filter (–2 AV) selection
Range	2 steps (f/3.9 and f/7.8 [W])
Self-timer	Can be selected from 10 and 2 second duration
Built-in flash	
Range (approx.) (ISO sensitivity: **Auto**)	[W]: 0.3 to 3.5 m (1 ft. to 11 ft.) [T]: 0.5 to 2.5 m (1 ft. 8 in. to 8 ft. 2 in.)
Flash control	TTL auto flash with monitor preflashes
Interface	Hi-Speed USB
Data Transfer Protocol	MTP, PTP
Video output	Can be selected from NTSC and PAL
I/O terminal	Audio video output/digital I/O (USB)
Projector	
Projection system	Single lamp/single LCD panel
LCD panel	One 0.4-in. reflective panel with an aspect ratio of 4 : 3, approx. 921k-dot
Projector lens	21mm f/3.5, manual focus
Light source	One high luminance white LED
Image size	13 to 120 cm (5 to 47-in.)
Throw distance	Approx. 0.26 to 2.4 m (10 in. to 7 ft. 10 in.)
Number of colors	Full color (approx. 16.7 million colors)
Brightness[1]	Up to 14 lumens
Contrast ratio	30 : 1

Resolution (output)	VGA equivalent
Endurance (battery life)	Approx. 1 h with EN-EL12 battery
Supported languages	Arabic, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, Greek, German, Hungarian, Indonesian, Italian, Japanese, Korean, Polish, Portuguese, Norwegian, Russian, Spanish, Swedish, Thai, Turkish
Power sources	One EN-EL12 Rechargeable Li-ion Battery (supplied) AC Adapter EH-62F (available separately)
Battery life (EN-EL12)	Still pictures[2]: Approx. 220 shots Movies: Approx. 1 h 35 min (HD 720p (1280×720))
Tripod socket	1/4 (ISO 1222)
Dimensions (W × H × D)	Approx. 100.8 × 62.7 × 24.1 mm (4.0 × 2.5 × 1.0 in.) (excluding projections)
Weight	Approx. 180 g (6.4 oz.) (with battery and SD memory card)
Operating environment	
Temperature	0 to 40 °C (32 to 104 °F) When using the projector: 0 to 35 °C (32 to 95 °F)
Humidity	Less than 85% (no condensation)

- Unless otherwise stated, all figures are for a camera with a fully-charged Rechargeable Li-ion Battery EN-EL12 operated at an ambient temperature of 25 °C (77 °F).
1 Measurement, measuring conditions, and method of notation all comply with ISO 21118.
2 Based on Camera and Imaging Products Association (CIPA) standards for measuring the life of camera batteries. Measured at 23 (±2) °C (73 (±4) °F); zoom adjusted with each shot, flash fired with every other shot, image mode set to ▨ **4320×3240**. Battery life may vary depending on shooting interval and length of time menus and images are displayed.

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Rechargeable Li-ion Battery EN-EL12

Type	Rechargeable lithium-ion battery
Rated capacity	DC 3.7 V, 1050 mAh
Operating temperature	0 to 40 °C (32 to 104 °F)
Dimensions (W × H × D)	Approx. 32 × 43.8 × 7.9 mm (1.3 × 1.7 × 0.3 in.) (excluding projections)
Weight	Approx. 22.5 g (0.8 oz) (excluding terminal cover)

Battery Charger MH-65

Rated input	AC 100-240 V, 50/60 Hz, 0.08-0.05 A
Rated capacity	8-12 VA
Rated output	DC 4.2 V, 0.7 A
Battery	Rechargeable Li-ion Battery EN-EL12
Charging time	Approx. 2 hours 30 minutes when battery is fully discharged
Operating temperature	0 to 40 °C (32 to 104 °F)
Dimensions (W × H × D)	Approx. 58 × 27.5 × 80 mm (2.3 × 1.1 × 3.1 in.) (excluding power cable)
Length of power cable	Approx. 1.8 m (6 ft.)
Weight	Approx. 70 g (2.5 oz) (excluding power cable)

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Specifications

Nikon will not be held liable for any errors this manual may contain. The appearance of this product and its specifications are subject to change without notice.

Supported Standards

- **DCF**: Design Rule for Camera File System is a standard widely used in the digital camera industry to ensure compatibility among different makes of camera.
- **DPOF**: Digital Print Order Format is an industry-wide standard that allows pictures to be printed from print orders stored on memory card.
- **Exif version 2.2**: This camera supports Exchangeable image file format (Exif) version 2.2 for digital still cameras, a standard that allows information stored with photographs to be used for optimal color reproduction when images are output from Exif-compliant printers.
- **PictBridge**: A standard developed cooperatively by the digital camera and printer industries, allowing photographs to be output directly to a printer without connecting the camera to a computer.

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