



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON COOLPIX S3100. You'll find the answers to all your questions on the NIKON COOLPIX S3100 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NIKON COOLPIX S3100  
User guide NIKON COOLPIX S3100  
Operating instructions NIKON COOLPIX S3100  
Instructions for use NIKON COOLPIX S3100  
Instruction manual NIKON COOLPIX S3100

**Nikon**

DIGITAL CAMERA

**COOLPIX S3100**  
User's Manual



En



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<http://yourpdfguides.com/dref/3816984>

**Manual abstract:**

@@ · SDXC, SDHC, and SD Logos are trademarks of SD-3C, LLC. · PictBridge is a trademark. @@ 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 Charging AC adapter, unplug the Charging 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 Charging AC adapter could result in injury. Repairs should be performed only by qualified technicians. Should the camera or Charging 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 Charging 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. ii For Your Safety 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 Charging AC Adapter/AC adapter, be sure it is unplugged. · Only use a Rechargeable Li-ion Battery EN-EL19 (supplied). Charge the battery inserted into the camera by connecting the Charging AC Adapter EH-69P (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. · Return the battery to the battery case for transportation. 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 Charging AC Adapter 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 plug or go near the Charging AC Adapter during lightning storms. Failure to observe this precaution could result in electric shock. Do not damage, modify, forcibly tug or bend the USB 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 Charging AC Adapter 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. . . . . iii For Your Safety 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 CDRoms 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. iv Notices Notices for Customers in the U.S.A. IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS. DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS For connection to a supply not in the U.S.

A., use an attachment plug adapter of the proper configuration for the power outlet if needed. The power supply unit is intended to be correctly orientated in a vertical or floor mount position. Federal Communications Commission (FCC) Radio Frequency Interference Statement This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: · Reorient or relocate the receiving antenna.



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· Increase the separation between the equipment and receiver. · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

· Consult the dealer or an experienced radio/television technician for help. **CAUTIONS Modifications** The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Nikon Corporation may void the user's authority to operate the equipment.

**Interface Cables** Use the interface cables sold or provided by Nikon for your equipment. Using other interface cables may exceed the limits of Class B Part 15 of the FCC rules. **v Notices** Notice for customers in the State of California **WARNING** Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm.

Wash hands after handling. Nikon Inc., 1300 Walt Whitman Road Melville, New York 11747-3064 USA Tel: 631-547-4200 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. **vi Table of Contents For Your Safety .**

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.. 177 x Introduction About This Manual Thank you for your purchase of a Nikon COOLPIX S3100 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: Introduction B This icon marks cautions, information that should be read before use, to prevent damage to the camera. This icon marks notes, information that should be read before using the camera. D This icon marks tips, additional information that may be helpful when using the camera. This icon indicates that more information is available elsewhere in this manual. C A 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.



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Illustrations and Screen Display Illustrations and text displays shown in this manual may differ from actual display. C 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. 1 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/>

Introduction 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, Charging AC Adapter, 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 Holographic seal: leaking.

Identifies this device as an For more information about Nikon brand accessories, contact a local authentic Nikon product. 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.

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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. Introduction Disposing of Data Storage Devices Please note that deleting images or formatting data storage devices such as memory cards or builtin 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 Select an image option in the Welcome screen setting (A 137). Care should be taken to avoid injury or damage to property when physically destroying data storage devices. 3 Parts of the Camera The Camera Body 1 2 3 4 5 6 Introduction 9 Lens cover closed 8 1 Shutter-release button.

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....20 17 Battery latch.

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.....12, 13 5 Parts of the Camera The Monitor Introduction The following indicators may appear in the monitor during shooting and playback (actual display varies with current camera settings).

The indicators that appear in the monitor during shooting and playback disappear after a few seconds (A 141). Shooting 33 32 31 30 29 28 27 26 25 24 10 2 2  
1 4 3 5 7 8 9 10 6 11 12 13 14 15 1m00s 1m00s +1.0 1600 1/250 F 3.2 999 23 22 21 20 19 18 17 999 9999 16 a b 6 Shooting mode\* .....  
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93 16 Small picture icon .....

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..... 112 17 D-Lighting icon...

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107 18 Quick retouch icon.....

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... 102 20 File number and type .....

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.. 161 The icon for the album or the selected category in auto sort mode currently selected in playback mode is displayed. Indicators displayed vary with the setting for shooting. 7 Basic Operations The A (Shooting Mode) Button · Press the A button in playback mode to enter shooting mode. · Press the A button in shooting mode to display the shooting-mode selection menu and switch shooting modes (A 36). Introduction The c (Playback) Button · Press the c button in shooting mode to enter playback mode. · Press the c button in playback mode to display the playback-mode selection menu and switch playback modes (A 79). · If the camera is turned off, hold down the c button to turn the camera on in playback mode. The b (e Movie-record) Button · Press the b (e movie-record) button in shooting mode to start movie recording (A 115).

Press the b (e movie-record) button again to stop movie recording. · Press the b (e movie-record) button in playback mode to enter shooting mode. 8 Basic Operations The Multi Selector Operate by pressing the multi selector up (H), down (I), left (J), or right (K), or pressing the k button. Introduction Shooting Display m (flash mode) (A 31) menu or move cursor up Display o (exposure compensation) (A 35) guide Apply selection Display p (macro mode) (A 34) menu or move cursor down Display n (self-timer) (A 33) menu Flash mode Playback Select previous picture 15/05/2011 15:30 0004.JPG 4/ 4 Select next picture Menu Screen Move cursor up Move cursor left or return to the previous screen Move cursor down Move cursor right or go to next screen (apply selection) Shooting menu Beach Apply selection (go to the next screen) Image mode White balance Continuous ISO sensitivity Color options AF area mode Autofocus mode 9 Basic Operations The d Button Press the d button to display the menu for the selected mode.

· Use the multi selector to navigate the menus (A 9). · Choose a tab on the left to switch to the menu of the selected tab. · Press the d button again to exit the menu. Tab for the menus available in the current shooting/playback mode Tab for displaying the movie menu (during shooting mode) Tab for displaying the setup menu Displayed when the menu contains two or more pages Set up Welcome screen Time zone and date Monitor settings Print date Electronic VR Motion detection AF assist Introduction Displayed when there are one or more menu items to follow Displayed when previous menu items are available Set up Blink warning Reset all Firmware version Blink warning On Off Choose an option and press the k button or the multi selector K to proceed to the next set of options Press the k button or the multi selector K to apply selection 10 Basic Operations Switching Between Tabs in the Menu Screen In the menu screen



that is displayed when the d button is pressed (A 10), select the left end tab to switch to the menu of the selected tab. Introduction Shooting menu Image mode White balance Continuous ISO sensitivity Color options AF area mode Autofocus mode Shooting menu Image mode White balance Continuous ISO sensitivity Color options AF area mode Autofocus mode Set up Welcome screen Time zone and date Monitor settings Print date Electronic VR Motion detection AF assist Press the multi selector J to highlight the tab Press the multi selector H or I to select a tab, and press either the k button or K The selected menu is displayed The 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. When the shutter-release button is pressed halfway, focus and exposure (shutter speed and aperture value) are set. Focus and exposure remain locked while the shutter-release button is pressed halfway. While the shutter-release button is held in this position, release the shutter and take a picture by pressing 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 images. Press the shutter-release button halfway to set focus and exposure Press the shutter-release button the rest of the way down to take a picture Attaching the Camera Strap 11 First Steps Inserting the Battery Insert a Rechargeable Li-ion Battery EN-EL19 (supplied) into the camera.



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· Charge the battery before the first use or when the battery is running low (A 14). 1 First Steps Open the battery-chamber/memory card slot cover. 2 Insert the battery. Use the edge of the battery to push the orange battery latch in the direction indicated by the arrow (1) as the battery is inserted (2).

When the battery is fully inserted, the battery latch will lock it in place. Battery chamber 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. 12 Inserting the Battery Removing the Battery Turn the camera off (A 17) 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. First Steps B Notes on the Battery · Be sure to read and follow the warnings for the battery on page iii and the section, "The Battery" (A 157), 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.

13 Charging the Battery Charge the supplied Rechargeable Li-ion Battery EN-EL19 inserted into the camera, by connecting the supplied Charging AC Adapter EH-69P to the camera via the supplied USB Cable UC-E6, and then plugging the Charging AC Adapter into an electrical outlet. 1 First Steps Prepare the Charging AC Adapter EH-69P. If a plug adapter\* is included, attach the plug adapter to the plug on the Charging AC Adapter. Push the plug adapter firmly until it is securely held in place. Once the two are connected, attempting to forcibly remove the plug adapter could damage the product.

\* The shape of the plug adapter varies according to the country or region in which the camera was purchased. The Charging AC Adapter comes with the plug adapter attached in Argentina and Korea. 2 3 Insert the battery (A 12). Do not turn the camera on. Use the supplied USB cable to connect the Charging AC Adapter to the camera.

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. USB cable 14 Charging the Battery 4 Plug the Charging AC Adapter into an electrical outlet. The charge lamp slowly blinks green to indicate that the battery is charging. About two hours and ten minutes are required to charge a fully exhausted battery. First Steps The following chart explains charge lamp status when the camera is plugged into the electrical outlet. Charge lamp Blinks slowly (green) Off Battery charging. Description Battery not charging. When charging is complete, the charge lamp stops blinking green and turns off. · 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). · The USB cable or Charging AC Adapter is not properly connected, or there is a problem with the battery. Disconnect the USB cable or unplug the Charging AC Adapter and correctly connect it again, or change the battery. Flickers (green) 5 Disconnect the Charging AC Adapter from the electrical outlet and then disconnect the USB cable. 15 Charging the Battery B Notes on Charging AC Adapter · The Charging AC Adapter EH-69P is for use only with compatible devices. Do not use with another make or model of device. · Be sure to read and follow the warnings for the Charging AC Adapter on page iii and the section, "The Battery" (A 157), before use. · The EH-69P is compatible with AC 100-240 V, 50/60 Hz electrical outlets. When using in other countries, use a plug adapter (available commercially) as necessary. For more information about plug adapters, consult your travel agency.

· The Charging AC Adapter EH-69P is for charging the battery inserted into the camera. When the camera is connected to an electrical outlet with the Charging AC Adapter, the camera cannot be turned on. · Do not, under any circumstances, use another make or model of AC adapter other than Charging AC Adapter EH-69P or USB-AC adapter. Failure to observe this precaution could result in overheating or in damage to the camera. First Steps C AC Power Supply · If the AC Adapter EH-62G (available separately; A 159) 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 the EH-62G. Failure to observe this precaution could result in overheating or in damage to the camera. D Charging Using Computer or Battery Charger · Connecting the COOLPIX S3100 to a computer also charges the Rechargeable Li-ion Battery EN-EL19 (A 122, 150). · Rechargeable Li-ion Battery EN-EL19 can also be charged using the Battery Charger MH-66 (available separately; A 159). 16 Charging the Battery Turning On and Off the Camera To turn on the camera, press the power switch.

The power-on lamp (green) will light, and then the monitor will turn on (the power-on lamp turns off when the monitor turns 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 c button to turn the camera on in playback mode (A 28). First Steps C 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, A button, c button or b (e movie-record) button. · In shooting or playback mode, the camera will enter standby mode in about one minute (default setting). · The time allowed to elapse before the camera enters standby mode can be changed from the Auto off option (A 147) in the setup menu (A 135). 17 Setting Display Language, Date and Time A language-selection dialog is displayed the first time the camera is turned on.

1 First Steps Press the power switch to turn on the camera. The power-on lamp (green) will light, and then the monitor will turn on (the power-on lamp turns off when the monitor turns on).



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2 Press the multi selector H or I to choose the desired language and press the k button. Multi selector Language Cestina Dansk Deutsch English Español Cancel 3 Press H or I to choose Yes and press the k button. If No is selected, the date and time will not be set. Time zone and date Choose time zone and set date and time? Yes No Cancel 4 Press J or K to select your home time zone (A 140) and press the k button. Back D Daylight Saving Time If daylight saving time is in effect, press the multi selector H 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, W is displayed at the top of the monitor. To turn off the daylight saving time option, press I. 18 Back Setting Display Language, Date and Time 5 Press the H or I to choose the order in which the day, month and year are displayed and press the k button or K. Date format Year/Month/Day Month/Day/Year Day/Month/Year First Steps 6 Press H, I, J, or K to edit the date and time and press the k button. Select a field: Press K or J (the highlight switches between D, M, Y, hour, and minute). Edit the value: Press H or I. Apply the settings: Select the minute field and press the k button or K. Date and time D M Y Edit When the settings are applied, the lens extends and monitor display exits to shooting mode.

D Imprinting Date and Changing the Date and Time · To imprint the date on pictures, enable the Print date option (A 143) in the setup menu (A 135) after the date and time have been set. · The date and time of the camera clock can be changed with the Time zone and date setting (A 138) in the setup menu (A 135).

19 Inserting Memory Cards Image, sound, and movie files are stored in the camera's internal memory (approximately 45 MB) or on removable Secure Digital (SD) memory cards (available commercially; A 160). 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.

First Steps 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 cover. 2 Insert the memory card. Slide the memory card in correctly until it clicks into place. Memory card slot B 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. 3 Close the battery-chamber/memory card slot cover. 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 or memory card. 20 Inserting Memory Cards B Formatting Memory Cards If the message at right is displayed, the memory card must be formatted before use (A 148). Note that formatting permanently Card is not formatted. deletes all pictures and other data on the memory card. Be sure Format card? to make copies of any pictures you wish to keep before formatting the memory card. When formatting the memory card, use the multi selector to choose Yes No Yes and press the k button. The confirmation dialog will be displayed. To start formatting, choose Format and press the k button. · 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 S3100 (A 148). First Steps B The Write Protect Switch 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. B 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. 21 Basic Photography and Playback: A (Auto) Mode Step 1 Turn the Camera On and Select A (Auto) Mode This section describes taking pictures in A (auto) mode, an automatic, "point-and-shoot" mode recommended for first-time users of digital cameras. 1 Press the power switch to turn on the camera. The lens extends and the monitor turns on. The camera is set to A (auto) mode at the time of purchase. Proceed to step 4. 2 Press the A button. Basic Photography and Playback: A (Auto) Mode 3 Press the multi selector H or I to choose A Auto mode and press the k button.

Auto mode Multi selector 4 Check the battery level indicator and the number of exposures remaining. Battery level indicator b B N Battery exhausted. Description Battery level high. Battery level low. Prepare to charge or replace the battery. Cannot take pictures. Charge or replace the battery. Battery level indicator 9 Number of exposures remaining Number of Exposures Remaining The number of pictures that can be stored is displayed. The number of pictures that can be stored depends on the capacity of the internal memory or memory card and image mode setting (A 39). 22 Step 1 Turn the Camera On and Select A (Auto) Mode Indicators Displayed in A (Auto) Mode Shooting mode A displayed in A (auto) mode.

Motion detection icon The effects of the subject movement and camera shake are reduced. Movie options A movie option is displayed for movie recording (A 115, 118). 9 Basic Photography and Playback: A (Auto) Mode Internal memory indicator Indicates that images will be stored on the camera's internal memory (approximately 45 MB).



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When a memory card is inserted in the camera, C does not appear and images will be stored on the memory card. Image mode The combination of image quality (compression) and image size is displayed.

The default setting is k 4320×3240. · The indicators and photo info displayed during shooting and playback will turn off after a few seconds (A 141). · When the monitor has turned off in standby mode to save power (the poweron lamp is blinking) (A 147), press the following button to reactivate it. - Power switch, the shutter-release button, A button, or b (e movie-record) button D Functions Available in A (Auto) Mode · The flash mode (A 31) can be adjusted and the self-timer (A 33), macro mode (A 34), and the exposure compensation (A 35) can be applied. · Press the d button to specify settings for all shooting menu items (A 37) according to shooting conditions.

The combination of image quality (compression) and image size can be set by using the Image mode option in the shooting menu. D D Motion Detection Electronic Vibration Reduction See Motion detection (A 145) in the setup menu (A 135) for more information. When the flash mode (A 31) is set to W (off) or Y (slow sync) with Electronic VR (A 144) in the setup menu set to Auto, the w icon may appear in the monitor. The appearance of w indicates shooting conditions in which the effects of camera shake can be pronounced. In these situations, the camera reduces the effects of camera shake in pictures before recording them. 23 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, microphone, and speaker. When taking pictures in portrait ("tall") orientation, turn the camera so that the built-in flash is above the lens. Basic Photography and Playback: A (Auto) Mode 2 Frame the picture. At the default settings, 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. 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. 9 24 Step 2 Frame a Picture Using the Zoom Use the zoom control to activate optical zoom. Rotate the zoom control to g to zoom in so that the subject fills a larger area of the frame, or f to zoom out, thus increasing the area visible in the frame. · The zoom position is set at the maximum wide-angle position when the camera is turned on. · A zoom indicator is displayed at the top of the monitor when the zoom control is rotated. Zoom out Zoom in Basic Photography and Playback: A (Auto) Mode Optical zoom Digital zoom Digital Zoom When the camera is zoomed in to the maximum optical zoom position, rotating and holding the zoom control at g triggers digital zoom. The subject is magnified up to 4× the maximum optical zoom ratio.

Maximum optical zoom Digital zoom enabled The camera focuses at the center of the frame and the focus area is not displayed when digital zoom is in effect. C 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 (A 38) and digital zoom magnification. Interpolation is applied at zoom positions beyond V when taking still pictures. When zoom is increased beyond the V position, interpolation is initiated and the zoom indicator turns yellow to indicate that interpolation is being applied. The position of V 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 (A 146) in the setup menu (A 135). 25 Step 3 Focus and Shoot 1 Press the shutter-release button halfway. When the shutter-release button is pressed halfway (A 11), the camera sets focus and exposure (shutter speed and aperture value). Focus and exposure remain locked while the shutter-release button is pressed halfway. 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. Basic Photography and Playback: A (Auto) Mode 1/250 F 3.2 Shutter speed Aperture value When a face is not detected, camera automatically selects the focus area (up to nine areas) containing the subject closest to the camera. When the subject is in focus, the active focus area glows green. 1/250 F 3.2 Shutter speed Aperture value 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 (A 6) turns green. 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. 26 Step 3 Focus and Shoot B 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. B 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 and use focus lock (A 47). When using focus lock, be sure that the distance between the camera and the subject with which focus was locked is the same as that for the actual subject.

Basic Photography and Playback: A (Auto) Mode B B D When the Subject Is Close to the Camera If the camera cannot focus, try shooting with macro mode (A 34) or the Close-up scene mode (A 59).



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Note on Face Detection AF-assist Illuminator and Flash See AF area mode (A 46) and "Face Detection" (A 48) for more information. If the subject is poorly lit, the AF-assist illuminator (A 146) may light when the shutter-release button is pressed halfway, or the flash (A 31) may fire when the shutter-release button is pressed all the way down. 27 Step 4 Playing Back and Deleting Pictures Playing Back Pictures (Playback Mode) Press the c (playback) button. The last picture taken will be displayed in full-frame playback mode.

Press the multi selector H or J to view the previous image. Press I or K to view the next image. Pictures may be displayed briefly at low resolution while being read from the memory card or internal memory. Basic Photography and Playback: A (Auto) Mode b (e movie-record) button c (playback) button A (shooting mode) Multi selector To return to shooting mode, press the A button or the shutter-release button. Pressing the b (e movie-record) button will also return the camera to shooting mode. When playing back pictures stored in the camera's internal memory, C is displayed. When a memory card is inserted in the camera, C is not displayed and pictures stored on the memory card are played back. 15/05/2011 15:30 0004.JPG 4/4 Internal memory indicator C When the Monitor Has Turned Off to Save Power To reactivate the monitor while the power on lamp is blinking (A 147), press any of the following buttons: - Power switch, shutter-release button, c button or b (e movie-record) button. C C Operations Available in Playback Mode See "Operations in Full-frame Playback Mode" (A 72) and "Editing Pictures" (A 104) for more information.

Pressing the c Button to Turn On the Camera When the camera is off, holding down the c button will turn the camera on in playback mode. The lens will not extend. Viewing Pictures 28 Pictures taken using face detection (A 48) or pet detection (A 63) will be rotated and displayed automatically in full-frame playback mode, based on the orientation of the faces detected, except pictures taken using Continuous, BSS, or Multi-shot 16 (A 42, 63), or Face priority tracking (A 71). Step 4 Playing Back and Deleting Pictures Deleting Unwanted Pictures 1 Press the l button to delete the picture currently displayed in the monitor. To exit without deleting the picture, press the d button. 2 Press the multi selector H or I to choose the desired deletion method and press the k button. Current image: Only the current image or voice memo (A 102) is deleted. Erase selected images: Multiple images can be selected and deleted. All images: All images are deleted. Basic Photography and Playback: A (Auto) Mode Delete Current image Erase selected images All images See "Operating the Erase Selected Images Screen" (A 30) for more information.

3 Press H or I to choose Yes and press the k button. Deleted pictures cannot be recovered. To exit without deleting the picture, press H or I to select No and press the k button. Erase 1 image? Yes No B Notes on Deletion · Once deleted, pictures cannot be recovered. Transfer important pictures to a computer before deleting them.

· Protected pictures cannot be deleted (A 98). C Deleting the Last Picture Taken While in Shooting Mode In shooting mode, press the l button to delete the last picture taken. 29 Step 4 Playing Back and Deleting Pictures Operating the Erase Selected Images Screen 1 Press the multi selector J or K to choose a picture to be deleted, and then press H to display y. To undo the selection, press I to remove y. Rotate the zoom control (A 4) to g (i) to switch back to full-frame playback or f (h) to display thumbnails.

Erase selected images Back Basic Photography and Playback: A (Auto) Mode 2 Add y to all pictures to delete and press the k button to apply the selection. A confirmation dialog is displayed. Follow the onscreen instructions for more operations. 30 Using the Flash The flash mode can be set to match the shooting conditions. · When ISO sensitivity is set to Auto, the flash has a range of 0.54.5 m (1 ft. 8 in. 14 ft.) at the maximum wide-angle zoom position and a range of 0.

52.2 m (1 ft. 8 in. 7 ft. 3 in.) at the maximum telephoto zoom position. U V W X Auto Flash fires automatically when lighting is dim. Auto with red-eye reduction Reduce "red-eye" in portraits (A 32). Off Flash will not fire even when lighting is dim. Fill flash Flash fires whenever a picture is taken. Use to "fill-in" (illuminate) shadows and backlit subjects. Y Slow sync U (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. Basic Photography and Playback: A (Auto) Mode Setting the Flash Mode 1 2 Press the multi selector m (flash mode).

The flash menu is displayed. Press the multi selector H or I to choose the desired flash mode and press the k button. The icon for the selected flash mode is displayed at the top of the monitor. When U (auto) is applied, D is only displayed for a few seconds, regardless of Photo info settings (A 141). If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled.

Flash mode 99 31 Using the Flash B Shooting When the Flash is Disabled (W) or Lighting Is Poor · Use of a tripod is recommended to stabilize the camera during shooting and avoid the effects of camera shake. · E may be displayed in the shooting screen. When E is displayed, ISO sensitivity is automatically increased. · 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. B Basic Photography and Playback: A (Auto) Mode Note on 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 W (off). C 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. C The Flash Mode Setting The default flash mode setting varies with shooting mode (A 36). · A (auto): U (auto) · Scene: varies with the selected scene mode (A 5563) · F (smart portrait): fixed at U (auto) when Off is selected for Blink proof; W (off) when On is selected for Blink proof (A 68) · s (subject tracking): U (auto) There are functions with which the flash cannot be enabled.



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See "Camera Settings that Cannot Be Applied Simultaneously" (A 51) for more information. The flash mode setting applied in A (auto) mode is stored in the camera's memory even after the camera is turned off. C Red-eye Reduction This camera uses advanced red-eye reduction ("In-Camera Red-Eye Fix"). If the camera detects "red eye" while a picture is being recorded, the affected area will be processed to reduce red-eye before the picture is saved. Note the followings when shooting.

· 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. 32 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. 1 2 Press the multi selector n (self-timer). The self-timer menu is displayed. Basic Photography and Playback: A (Auto) Mode Press the multi selector H or I to choose 10s or 2s and press the k button. 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.

Self-timer If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled. 3 Frame the picture and press the shutter-release button halfway. Focus and exposure will be set. 10 1/250 F 3.2 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.

9 1/250 F 3.2 33 Macro Mode Macro mode is used for taking pictures of objects as close as 10 cm (4 in.). Note that the flash may be unable to light the entire subject at distances of less than 50 cm (1 ft. 8 in.). 1 2 Press the multi selector p (macro mode). The macro mode menu is displayed. Press the multi selector H or I to choose ON and press the k button. The macro mode icon (F) is displayed.

If the setting is not applied by pressing the k button within a few seconds, the selection will be canceled. Macro mode Basic Photography and Playback: A (Auto) Mode 3 Rotate the zoom control to frame the picture. The closest distance at which the camera can focus varies depending on the zoom position. The camera can focus at the shortest distances when F and the zoom indicator glow green with the zoom indicator positioned to the left (wider angle) of K. The camera can focus on subjects as close as 10 cm (4 in.

) to the lens when zoomed out to the maximum wide-angle position or when zoomed in one step from the maximum wide-angle zoom position. At the K zoom position, the camera can focus at a distance of 30 cm (1 ft.). C Autofocus When using A (auto) mode and Autofocus mode (A 50) is set to Full-time AF, 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.

When using other shooting modes, Full-time AF is turned on automatically when macro mode is turned on. C 34 The Macro Mode Setting The macro mode setting applied in A (auto) mode is stored in the camera's memory even after the camera is turned off. Adjusting Brightness (Exposure Compensation) Exposure compensation is used to alter exposure from the value suggested by the camera to make pictures brighter or darker. 1 2 Press the multi selector o (exposure compensation). The exposure compensation guide is displayed. Press the multi selector H or I to select a compensation value. To make the picture brighter, apply positive (+) exposure compensation. To make the picture darker, apply negative (-) exposure compensation. Exposure compensation guide Basic Photography and Playback: A (Auto) Mode Exposure compensation Exposure compensation value 3 Press the k button. If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled.

When an exposure compensation value other than 0.0 is applied, the value is displayed with the H indicator in the monitor. 4 Press the shutter-release button to take a picture. To exit without altering exposure, return to step 1, change the value to 0.0 and press the k button. +0.3 9 C Exposure Compensation Value

The exposure compensation value applied in A (auto) mode is stored in the camera's memory even after the camera is turned off. 35 More on Shooting Selecting a Shooting Mode The following shooting modes can be selected. A Auto mode A 22 Pictures can be taken with an automatic, "point-and-shoot" mode recommended for first-time users of digital cameras. Shooting settings such as continuous shooting can be applied from the shooting menu (A 37).

x Scene mode A 52 Camera settings are automatically optimized for the selected scene. In scene auto selector mode, the camera automatically selects the optimum scene mode for simpler shooting. F More on Shooting Smart portrait A 66 The camera uses face detection to detect human faces, and then 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. s Subject tracking Suited to focus and take pictures of moving subjects.

A 69 1 Press the A button in shooting mode. The shooting-mode selection menu is displayed. 2 Press the multi selector H or I to select a shooting mode. When scene mode is selected (select the second icon from the top and press K), the type of scene can be changed. Press H, I, J, or K to choose a scene.

To return to the current shooting mode without switching shooting modes, press the A button or the shutter-release button. Auto mode 3 Press the k button. The camera enters the selected shooting mode. 36 Changing A (Auto) Mode Settings (Shooting Menu) The following options can be set when shooting in A (auto) mode (A 22). Image mode A 38 Choose the image mode (combination of image size and compression rate) at which pictures are recorded. The image mode setting can also be modified in other shooting modes. White balance Match white balance to the light source. Continuous Enable continuous shooting or

BSS (best shot selector). ISO sensitivity Control the camera's sensitivity to light.



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