Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON COOLPIX S9100. You'll find the answers to all your questions on the NIKON COOLPIX S9100 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

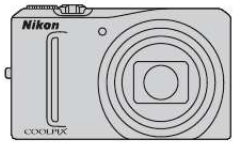
User manual NIKON COOLPIX S9100
User guide NIKON COOLPIX S9100
Operating instructions NIKON COOLPIX S9100
Instructions for use NIKON COOLPIX S9100
Instruction manual NIKON COOLPIX S9100

Nikon

DIGITAL CAMERA

COOLPIX S9100

User's Manual



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Manual abstract:

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mpegla.com. Introduction First Steps Basic Photography and Playback: A (Auto) Mode More on Shooting More on Playback Editing Images Movie Recording and Playback Connecting to Televisions, Computers and Printers Basic Camera Setup Caring for the Camera Technical Notes and Index i 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. 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. @@@@Repairs should be performed only by qualified technicians. @@@@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, overheat, 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. · Use only a Rechargeable Li-ion Battery EN-EL12 (supplied). Charge the battery by using a camera that supports battery charging or by using a Battery Charger MH-65 (available separately). To charge the battery with the camera, use either Charging AC Adapter EH-69P (supplied) or the Charge by computer function. · 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 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 Nikonauthorized 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 DCto-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 1 m (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. 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.

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 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 CAUTIONS 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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. 216 x Introduction About This Manual Thank you for your purchase of a Nikon COOLPIX S9100 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. Introduction B D C This icon marks notes, information that should be read before using the camera. A 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.

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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. 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 charger, 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 leaking. For more information about Nikon brand accessories, contact a local authorized Nikon dealer. Holographic seal: Identifies this device as an authentic Nikon product. 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.

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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 Select an image option in the Welcome screen setting (A 171). 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 Introduction 1 2 345 6 7 8 9 11 Flash raised 10 Lens cover closed Zoom control ...

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.....27 f : wide...
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27 g : tele.....
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.....27 1 h : thumbnail playback....

.....94, 96 i : playback zoom...
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.....97 j : help...
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.61 2 Mode dial.....
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45 3 Shutter-release button.....
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.....9, 28 4 Self-timer lamp.....

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..35 AF-assist illuminator...
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181 Power switch/power-on lamp .....
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.....19, 184 5 6 Speaker....

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.126, 152 7 Microphone (stereo) ....
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.....125, 140 8 Flash ...
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. 32 9 K (flash pop-up) control....
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..... 32 10 Lens ...
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....196, 212 11 Lens cover 4 Parts of the Camera 1 2 34 5 6 Introduction 13 7 89 10 11 12 14 15 1 Monitor .....
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..6, 25 2 Rotary multi selector.....
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.....11 3 k (apply selection) button...
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.....11 4 c (playback) button...

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....10, 30, 89 5 Charge lamp .
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.....17, 162 Flash lamp .....

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..34 11 16 17 18 19 Battery-chamber/ memory card slot cover.

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..14, 22 12 Eyelet for camera strap...
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. 13 13 HDMI mini connector....
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.155 14 HDMI connector cover ....
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.....155 15 USB/audio/video output connector ..
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..... 16, 155, 158, 164 6 b (e movie-record) button...

.10, 140 7 Tripod socket.....
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....213 8 d button.
.....12, 46, 99, 116, 146, 170 9 l (delete) button.....

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.... 31, 126, 152 10 Cover latch.
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..14, 22 16 Connector cover.....
... 16, 155, 158, 164 17 Memory card slot ..
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.... 22 18 Battery chamber .....

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..... 14 19 Battery latch ...
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..14, 15 5 Parts of the Camera The Monitor 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 175). Introduction Shooting 41 40 39 38 37 36 35 34 33 32 31 30 29 28 +1.0 1600 1/250 F 3.5 999 10 2 4 1 23 5 6 7 8 10 11 9 12 13 14 15 22 19 999 9999 1m00s 1m00s 21 20 16 17 18 a b 27 26 25 24 23 6 Parts of the Camera 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Shooting mode....*

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.24, 58, 61, 80 Macro mode ....
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.....39 Zoom indicator ..
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.27, 39 Focus indicator....
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...28 AE/AF-L indicator.....
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79 Flash mode .....
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32 Battery level indicator .....
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..24 Vibration reduction icon ...
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.....25, 178 Electronic vibration reduction icon ...

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..... 140, 146 Motion detection icon.....
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...180 Wind noise reduction.....
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...151 "Date not set" indicator.....
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... 172, 200 Travel destination icon..
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172 Print date.....
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..177 Movie options (normal speed movies) ...
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.148 Movie options (HS movies).....
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....148 Image mode .
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.47 Easy panorama....
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.....75 (a) Number of exposures remaining (still images)..

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....24 (b) Movie length.
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.... 140, 149 Internal memory indicator.
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.....25 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 Aperture....
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..... 28 Shutter speed...
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..... 28 Focus area (auto)....

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.28, 53 Focus area (for manual or center) ..... 53 Focus area (face detection, pet detection) ....
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..28, 53 Focus area (subject tracking)...
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... 58 Center-weighted metering area .....
. 51 Hand-held/tripod....
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64, 65 ISO sensitivity.....
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.....34, 52 Exposure compensation value..

...43, 44 Vividness.....
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... 43 Hue.....
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43 White balance .....
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... 49 Continuous shooting mode .....
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80 Self-timer.....

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.... 35 Smile timer.
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.... 37 Continuous (pet portrait mode).
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... 74 Pet portrait auto release .....

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.... 74 Backlighting (HDR) .
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..... 66 Panorama...

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..... 73 Still image capture (movie recording) .....

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..142 Introduction * The icon displayed varies with the shooting mode. 7 Parts of the Camera Playback 1 Introduction 23 4 5 6 19 18 17 21 20 16 15 14 15/05/2011 12:00 9999.JPG 7 8 9 999/ 999 10 1m00s 1m00s 13 12 999/ 999 9999/9999 11 a 1 Date of recording .....

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20 2 Time of recording.....
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.....20 3 Protect icon ....

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..122 4 Sequence display...
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.92, 95 5 Volume indicator .....

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.... 126, 152 Album icon in favorite pictures mode1 6 .
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.....103 Category icon in auto sort mode1 ..
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.....109 b 12 Internal memory indicator ...

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... 30 Easy panorama playback guide ..
..... 77 13 Sequence playback guide ..

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92 Movie playback guide.....

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... 152 14 Filter effects icon ..
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..... 135 15 Skin softening icon...

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.. 134 16 Print order icon.....
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117 17 Small picture icon .....
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.. 138 18 D-Lighting icon .....

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.... 133 19 Quick retouch icon.....
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..... 132 20 Voice memo indicator.
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..... 126 21 File number and type...
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..... 199 7 Battery level indicator ....
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.....24 8 Movie options2 ..
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..148 9 Image mode2 .....

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.47, 142 10 Easy panorama.....
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...77 11 1 2 (a) Current frame number/ total number of frames ..
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.....30 (b) Movie length.
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152 The icon for the selected album or the selected category in auto sort mode in playback mode is displayed. The icon displayed varies with the setting that was set at the time of shooting. 8 Basic Operations Raising and Lowering the Flash (K Flash Pop-up Control) Slide the K (flash pop-up) control (1) to make the flash pop up (2). · See "Using the Flash" (A 32) for more information on setting the flash. · If the flash will not be used, gently lower the flash until it clicks into place. Introduction 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 halfway to set focus and exposure Press the rest of the way down to take a picture 9 Basic Operations Mode Dial Rotate the mode dial to the desired icon to switch to the corresponding shooting mode (A 45). Introduction The c (Playback) Button · Press the c button in shooting mode to enter playback mode. · When the camera is in shooting mode, press the c button to switch to playback mode. · When the camera is off, holding down the c button will 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 140). 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. 10 Basic Operations The Rotary Multi Selector Rotate the rotary multi selector, press its upper (H), lower (I), left (J), or right side (K), or press the k button. Introduction Shooting Rotate to select an item Display n (self-timer) (A 35) menu Apply selection Display m (flash mode) (A 32) menu Display creative slider (A 40) Display o (exposure compensation) (A 44) guide Flash mode Display p (macro mode) (A 39) menu * Items can also be selected by pressing the rotary multi selector up or down.*
Playback Select previous pictures Display histogram and shooting information (A 91) 15/05/2011 15:30 0004.JPG 4/ 4 Select subsequent pictures* * Previous or subsequent pictures can also be selected by rotating the rotary multi selector. 1 0 0 N I KO N 0004.JPG 1/250 F 3.5 +1.*
0 160 4 ISO 4/ Menu Screen Move the highlight up Move the highlight Move the highlight right left or return to or go to next screen previous screen (apply selection) Apply selection (go to next screen) Move the highlight down* * The highlight can also be moved by rotating the rotary multi selector. Shooting menu Image mode White balance Metering ISO sensitivity AF area mode Autofocus mode 11 Basic Operations Using Camera Menus Press the d button (A 5) to display the menu for the selected mode. Use the rotary multi selector (A 11) to navigate the menus. Tab for the menus available in the current shooting mode/ tab for playback mode menu Tab for movie menu (during shooting mode)/playback menu (during playback mode) Tab for displaying the setup menu L is displayed when there are one or more menu items to follow. K is displayed when previous menu items are available.*
Shooting menu Image mode White balance Metering ISO sensitivity AF area mode Autofocus mode Introduction 1 Press the d button. Shooting menu Image mode White balance Metering ISO sensitivity AF area mode Autofocus mode 2 Press the rotary multi selector H or I to choose an item, and then press K or the k button.

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Items can also be chosen by rotating the rotary multi selector (A 11). To change tabs, press J (A 13). Rotary multi selector Shooting menu Image mode White balance Metering ISO sensitivity AF area mode Autofocus mode 3 Press H or I to choose an item and press the k button. The setting is applied. White balance Auto Preset manual Daylight Incandescent Fluorescent Cloudy Flash 4 12 When setting is finished, press the d button. The camera exits the menu display. Basic Operations Switching Between the Tabs on Menu Screens S h o o t i n g menu Image mode White balance Metering ISO sensitivity AF area mode Autofocus mode Shooting menu Image mode White balance Metering ISO sensitivity AF area mode Autofocus mode Set up Welcome screen Time zone and date Monitor settings Print date Vibration reduc tion Motion detec tion AF assist Introduction Press the rotary multi selector J to highlight the tab Press the rotary multi selector H or I to select a tab, and press either the k button or K The selected menu is displayed Attaching the Camera Strap 13 First Steps 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 (A 16).

1 First Steps Open the battery-chamber/memory card slot cover. 2 Insert the battery. Use the battery to lift 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. 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. 14 Inserting the Battery Removing the Battery Turn the camera off (A 19) 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).
· The camera, battery, or memory card may be hot immediately after using the camera. Observe caution when removing the battery or memory card. 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 195), before use. · If the battery will not be used for an extended period, recharge it at least once every six months and run it flat before returning it to storage. 15 Charging the Battery Charge the supplied Rechargeable Li-ion Battery EN-EL12 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 14). 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 16 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 3 hours and 50 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) Battery charging. Off 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. 17 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 195), 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 (commercially available) 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 EH-69P, the camera cannot be turned on. · Do not, under any circumstances, use another make or model of USB-AC adapter other than Charging AC Adapter EH-69P. Failure to observe this precaution could result in overheating or in damage to the camera. First Steps C AC Power Source · If the AC Adapter EH-62F (available separately; A 197) is used, power is supplied to the camera from an electrical outlet and taking pictures and playing back images 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. D Charging Using Computer or Battery Charger · Connecting the COOLPIX S9100 to a computer also charges the Rechargeable Li-ion Battery ENEL12 (A 157, 187). · The EN-EL12 can be charged without using the camera by using the Battery Charger MH-65 (available separately; A 197). 18 Charging the Battery Turning On and Off the Camera 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). To turn off the camera, press the power switch again. When the camera is turned off, the power-on lamp and the monitor will turn off.

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· If the camera is turned off, hold down the c button to turn the camera on in playback mode (A 30). 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.

When the power-on lamp is blinking, the following operations will turn the monitor back on. - Pressing the power switch, shutter-release button, c button, or b (e movie-record) button - Rotating the mode dial · 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 184) in the setup menu (A 169). 19 Setting Display Language, Date, and Time When the first time the camera is turned on, the language-selection screen and the date and time setting screen for the camera clock are displayed. 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). 2 Press the rotary multi selector H or I to choose the desired language and press the k button. Rotary multi selector Language Cancel 3 Press H or I to choose Yes and press the k button. To cancel the setting the time zone and date, select No. Time zone and date Choose time zone and set date and time? Yes No Cancel 4 Press J or K to choose your home time zone (A 174) and press the k button. London Casablanca Back D Daylight Saving Time London Casablanca If daylight saving time is in effect, press H to enable the daylight saving time function while setting the region in step 4. When the daylight saving time function is enabled, W is displayed at the top of the monitor. Press I to disable the daylight saving time function. 20 Back Setting Display Language, Date, and Time 5 Press H or I to choose the date format and press the k button. Date format Y/M/D Year/Month/Day M/D/Y Month/Day/Year D/M/Y Day/Month/Year First Steps 6 Press H, J, I, or K to set the date and time, and press the k button. Choose an item: Press K or J (changes between D, M, Y, hour, and minute). Edit the highlighted item: Rotate the rotary multi selector or press H or I. Apply the setting: Select the minute setting and press the k button or K. Date and time D M Y 01 00 01 00 2011 Edit When settings are finished, the lens extends and the camera switches to shooting mode. C Print Date and Changing the Date and Time · To imprint the date on images while taking pictures, enable print date from the Print date option (A 177) in the setup menu (A 169) after the date and time have been set.
· To change the camera's date and time setting, select Time zone and date (A 172) in the setup menu (A 169). 21 Inserting Memory Cards Data is saved in the camera's internal memory (approximately 74 MB) or on removable Secure Digital (SD) memory cards (commercially available; A 198). If a memory card is inserted in the camera, data are automatically saved on the memory card and data saved to the memory card can be played back, deleted, or transferred. Remove the memory card to save 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 batterychamber/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 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 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. Press the card in (1) to partially eject the card, then remove the card by hand while being careful not to remove the card at an angle (2). · The camera, battery, or memory card may be hot immediately after using the camera. Observe caution when removing the battery or memory card. 22 Inserting Memory Cards B Formatting Memory Cards If the message on the right is displayed when the camera is turned on, the memory card must be formatted before use (A 185). Note Card is not formatted. that formatting permanently deletes all images and other data Format card? on the memory card. Be sure to make copies of any images you wish to keep before formatting the memory card. When formatting the memory card, use the rotary multi selector to Yes No choose 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 S9100 (A 185). First Steps B Note on the Write Protect Switch Write protect switch When memory card 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 save or delete images, or to format the memory card. B Notes on 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: - Remove 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. 23 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-andshoot" 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.

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2 Basic Photography and Playback: A (Auto) Mode Rotate the mode dial to A. Auto mode 3 Check the battery level indicator and the number of exposures remaining.

Battery Level Indicator Display 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 25 Number of exposures remaining Number of Exposures Remaining The number of pictures that can be taken is displayed. The number of images that can be saved depends on the capacity of the internal memory or memory card and the image mode setting (A 47). 24 Step 1 Turn the Camera On and Select A (Auto) Mode Indicators Displayed in A (Auto) Mode Vibration reduction icon Vibration reduction can be applied to reduce the effects of camera shake. Motion detection icon The effects of subject movement and camera shake are reduced.

Basic Photography and Playback: A (Auto) Mode 25 Shooting mode A displayed in A (auto) mode. Internal memory indicator Indicates that images will be saved on the camera's internal memory (approximately 74 MB). When a memory card is inserted in the camera, C does not appear and images will be saved on the memory card. Movie options A movie option is displayed for movie recording (A 140, 148). Image mode The combination of image quality (compression) and image size is displayed.

The default setting is L 4000 × 3000. · The indicators and photo info displayed during shooting and playback will turn off after a few seconds (A 175). · When the monitor has turned off in standby mode to save power (the poweron lamp is blinking) (A 184), press the following buttons to turn it back on. Power switch, shutter-release button, or b (e movie-record) button C Flash When the flash is lowered, the flash setting is fixed at off and W appears at the top of the monitor. In situations where flash is needed, such as in dark locations or when the subject is backlit, be sure to raise the flash (A 4, 32).

D Functions Available in A (Auto) Mode · The flash mode (A 32) can be adjusted, the self-timer (A 35) and macro mode (A 39) can be applied. · Brightness (exposure compensation), vividness, and hue can be adjusted with the creative slider (A 40). · Press the d button to specify settings for all shooting menu items (A 46) 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 Vibration Reduction and Motion Detection · See Vibration reduction (A 178) and Motion detection (A 180) in the setup menu (A 169) for more information. · Set Vibration reduction to Off when using a tripod to stabilize the camera during shooting. 25 Step 2 Frame a Picture 1 Use both hands and ready the camera. Keep fingers, hair, the camera strap, and other objects away from the lens, flash, AF assist-illuminator, microphone, and speaker. When using the flash (A 32) while taking pictures in portrait (tall) orientation, turn the camera so that the flash is above the lens. Basic Photography and Playback: A (Auto) Mode 2 Frame the picture.

When the camera detects a human face, that face is framed by a yellow double border (focus area) (default setting). Up to 12 faces can be detected. When the camera detects more than one face, the face closest to the camera is framed by a double border and the others by single borders. 25 When shooting non-human subjects or when no faces are detected, the focus area is not displayed. Position the main subject near the center of the frame. 26 Step 2 Frame a Picture Using the Zoom Use the zoom control to activate optical zoom. Rotate the zoom control toward g to zoom in, increasing the size of the subject. Rotate the zoom control toward f to zoom out, increasing the area visible in the frame. Rotating the zoom control all the way in either direction will adjust the zoom quickly, while rotating the control partially will adjust the zoom slowly. · When the camera is turned on, the zoom is at the maximum wide-angle position. · 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. Digital zoom can magnify the subject up to about 4× beyond the maximum magnification of the optical zoom. 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 47) and digital zoom magnification.

Interpolation is applied at zoom positions beyond V when taking still images. 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 182) in the setup menu (A 169). 27 Step 3 Focus and Shoot 1 Press the shutter-release button halfway.

When the shutter-release button is pressed halfway (A 9), 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: · The camera focuses on the face framed by the double border. When the subject is in focus, the double border glows green. 1 / 2 5 0 F 3.5 Basic Photography and Playback: A (Auto) Mode Shutter speed Aperture When a face is not detected: · The camera has nine focus areas, and automatically selects the focus areas containing the subject closest to the camera. When the subject is in focus, the focus areas that are in focus (up to nine areas) glow green. 1/250 F 3.5 Shutter speed Aperture The camera focuses at the center of the frame and the focus area is not displayed when digital zoom is in effect. Once focus has been acquired, the focus indicator (A 6) glows green.

While the shutter-release button is pressed halfway, the focus area or focus indicator may blink red. This indicates that 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 image will be saved to the memory card or internal memory.

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28 Step 3 Focus and Shoot B Note on Saving Images While images are being saved, the number of exposures remaining will blink. Do not open the battery-chamber/memory card slot cover while images are being saved. 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 is behind the subject and the subject is in deep shadow) · No contrast between the subject and surroundings (e.g. when the subject is wearing a white shirt and is standing in front of a white wall) · Subject contains objects of varying distances from the camera (such as a cage with an animal inside) · Subjects with repeating patterns (window blinds, buildings with multiple rows of similarly shaped windows, etc.) · 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 positioned at the same distance from the camera as the actual desired subject, and use focus lock (A 55).

Basic Photography and Playback: A (Auto) Mode B B C Note on Face Detection See "AF Area Mode" (A 53) or "Face Detection" (A 56) for more information. When the Subject Is Close to the Camera If the camera cannot focus, try shooting with macro mode (A 39) or the Close-up scene mode (A 70). AF-assist Illuminator and Flash If the subject is dimly lit, the AF-assist illuminator (A 181) may light when the shutter-release button is pressed halfway, or the flash (A 32) may fire when the shutter-release button is pressed all the way down. 29 Step 4 Playing Back and Deleting Images Playing Back Images (Playback Mode) Press the c (playback) button. The last image captured will be displayed in full-frame playback mode.

Rotate the rotary multi selector, or press H, I, J, or K to view previous or next images (A 11). Images 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 Rotary multi selector To return to shooting mode, press the c button, shutter-release button, or b (e movierecord) button. When playing back images saved in the camera's internal memory, C is displayed. When a memory card is inserted in the camera, C is not displayed and images saved on the memory card are played back. 15/05/2011 15:30 0004.JPG Internal memory indicator 4/ 4 C C C When the Monitor Has Turned Off to Save Power When the power-on lamp is blinking, press the power switch, shutter-release button, c button, or b (e movie-record) button to turn the monitor back on (A 184). Operations Available in Playback Mode Displaying Shooting Information 1 0 0 N I KO N 0004.JPG 1/250 F 3.5 +1.

0 160 4 See "More on Playback" (A 89) or "Editing Images" (A 130) for more information. Press the k button in full-frame playback mode to display the highlight, histogram, and shooting information (A 91). Press the k button again to return to full-frame playback mode. C C Pressing the c Button to Turn On the Camera ISO 4/ When the camera is off, holding down the c button will turn the camera on in playback mode. The lens will not extend. Viewing Images 30 · When images in which the face of a person or a pet was detected at the time of shooting (A 56, 74) are displayed in full-frame playback mode, depending upon the orientation of the detected face, the images may be automatically rotated for playback display (except images captured continuously with the Pet portrait scene mode (A 74) or images captured with continuous shooting mode (A 80)). · For images captured with the continuous shooting feature, each series of images is treated as a group, and only the group's "key picture" is displayed (sequence display A 92). Step 4 Playing Back and Deleting Images Deleting Unwanted Images 1 2 Press the l button to delete the image currently displayed in the monitor. To exit without deleting, press the d button. Press the rotary 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 126) is deleted. If the key picture of a sequence group (A 92) is selected, all images in the group are deleted. Erase selected images: Multiple images can be selected and deleted. "Operating the Erase Selected Images Screen" All images: All images are deleted. Delete Basic Photography and Playback: A (Auto) Mode Current image Erase selec ted images All images 3 Press H or I to choose Yes and press the k button.

Deleted images cannot be recovered. To cancel, press H or I to select No and press the k button. Erase 1 image? Yes No Operating the Erase Selected Images Screen 1 Press the rotary multi selector J or K to choose an image to be deleted and press H to add y to the image and mark it for deletion. 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 selec ted images Back 2 B C Add y to all desired images and then press the k button to confirm the selection. A confirmation dialog is displayed. Follow the instructions displayed in the monitor. Notes on Deletion · Deleted images cannot be restored. Transfer important images to a computer before deleting them. · Protected images cannot be deleted (A 122). · Deleting images captured with the continuous shooting feature "Deleting Images in a Sequence" (A 93) Deleting the Last Image Captured While in Shooting Mode In shooting mode, press the l button to delete the last image captured. 31 Using the Flash When the flash is needed, such as when the subject is dimly lit or when there is backlighting, pop the flash up. 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.

5-4.0 m (1 ft. 8 in.-13 ft.) at the maximum wide-angle zoom position and a range of 1.5-2.5 m (5 ft.-8 ft. 2 in.) at the maximum telephoto zoom position. U V W X Basic Photography and Playback: A (Auto) Mode Auto Flash fires automatically when lighting is dim. Auto with red-eye reduction Reduce "red-eye" in portraits. 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 Auto flash mode is combined with slow shutter speed.

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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. C Red-eye Reduction 32 This camera uses advanced red-eye reduction (In-Camera Red-Eye Fix). Pre-flashes are fired repeatedly at low intensity before the main flash, reducing the red-eye effect.

Additionally, if the camera detects red eye while saving an image, the affected area will be processed to reduce red-eye before the image is saved. Note the followings when shooting. · Because pre-flashes are fired, there is a slight lag between when the shutter-release button is pressed and when the shutter is released. · More time than usual is required to save images. · 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. Using the Flash Setting the Flash Mode 1 Slide the K (flash pop-up) control. The flash pops up. When the flash is lowered, the flash mode will be fixed at W (off). 2 Press the rotary multi selector m (flash mode).

The flash mode menu is displayed. Basic Photography and Playback: A (Auto) Mode 3 Use the rotary multi selector to choose the desired mode and press the k button. The icon for the selected flash mode is displayed. When U (auto) is applied, D is only displayed for a few seconds, regardless of Photo info settings (A 176). Flash mode If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled. 25 B Lowering the Flash If the flash will not be used, gently lower the flash until it clicks into place. 33 Using the Flash B Notes on Shooting When the Flash Is Disabled (W) or Lighting Is Dim · Use of a tripod is recommended to stabilize the camera during shooting. Set Vibration reduction (A 178) to Off in setup menu (A 169) when using a tripod to stabilize the camera. · 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 save images 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 images. To reduce these reflections, set the flash to W (off). C The Flash Lamp The flash lamp indicates flash status when the shutterrelease 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 45). · A (auto): U (auto) · x (scene auto selector): U (auto). The camera selects the optimum flash mode setting for the scene mode it has selected. · y: varies with the selected scene mode (A 6773) · j (night landscape): fixed at W (off) · S (night portrait): fixed at V (auto with red-eye reduction) · R (backlighting): fixed at X (fill flash) (when HDR is Off), fixed at W (off) (when HDR is On) (A 66) · C (continuous): fixed at W (off) · u (special effects): U (auto) The flash cannot be used simultaneously with certain functions. See "Camera Settings that Cannot Be Applied Simultaneously" (A 87) for more information. The flash mode setting applied in A (auto) mode is saved in the camera's memory even after the camera is turned off. 34 Taking Pictures with the Self-timer The self-timer is useful for self-portraits or reducing the effects of camera shake that occur when the shutter-release button is pressed. The timer can be set to ten or two seconds. When using the self-timer, use of a tripod is recommended. Set Vibration reduction (A 178) to Off in the setup menu (A 169) when using a tripod to stabilize the camera during shooting.

1 Press the rotary multi selector n (self-timer). The self-timer menu is displayed. Basic Photography and Playback: A (Auto) Mode 2 Use the rotary multi selector 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. When a is selected, the camera uses face detection to Self-timer detect a human face, and then automatically releases the shutter when a smile is detected (A 37). When the shooting mode is the Pet portrait scene mode, Y (Pet portrait auto release) is displayed (A 74). The self-timer settings 10s and 2s cannot be used. The mode selected for self-timer is displayed. 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 3.5 35 Taking Pictures with the Self-timer 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 Basic Photography and Playback: A (Auto) Mode 36 Taking Pictures with the Smile Timer The camera uses face detection to detect human faces, and then automatically releases the shutter when a smile is detected.

This feature can be used when shooting mode (A 45) is set to A (auto) mode or the S (night portrait) or Portrait scene mode (A 61). 1 Press the rotary multi selector n (self-timer). The self-timer menu is displayed. To adjust settings for flash mode, creative slider, exposure compensation, or items in the shooting menu, adjust the settings before pressing n. Basic Photography and Playback: A (Auto) Mode 2 Use the rotary multi selector to choose a (smile timer) and press the k button. If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled. Smile timer 3 Frame a picture. Point the camera at the subject. When the camera detects a human face, a 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.

25 Up to three faces can be detected. When the camera detects more than one face, the double border (focus area) is displayed around the face closest to the center of the frame, and single borders around the others.

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