

COOLPIX 900

Nikon
DIGITAL CAMERA
APPAREIL PHOTO
NUMÉRIQUE
CÁMARA DIGITAL

E 900

User's Guide

Guide de

l'utilisateur

Guía del Usuario

Nikon

ENGLISH

FRANÇAIS

ESPAÑOL

Nikon

DIGITAL CAMERA COOLPIX 900


User's Guide

Cautions

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Important!

The  symbols in this manual indicate important safety precautions. Passages marked with this indication should be read before use to prevent injury to yourself or to others.



Caution

The  symbols in this manual indicate areas in which caution is needed to avoid damaging the product. Sections marked with this symbol should be read before use to ensure that the product continues to operate properly.



Warning!

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

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

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

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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.

Serial Cables

Please use the serial cables supplied with your COOLPIX 900 (see page 11 of this manual). Other interface cables may exceed the limits specified for Class B devices in Part 15 of the FCC rules.

Notice for customers in Canada

CAUTION

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

ATTENTION

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

Notice for customers in European countries

ACHTUNG

Dieses Gerät entspricht den Bestimmungen der EG-Direktive 87/308/EEC zur Störungsunterdrückung. Lärmemission kleiner 70 dBA.



Safety Precautions

Be sure to observe the following safety precautions when using and storing your COOLPIX 900.



Do not look directly at the sun through the viewfinder

Viewing the sun or other strong light source through the viewfinder could cause permanent visual impairment.



Turn off immediately in the event of malfunction

Should you notice smoke or an unusual smell coming from the camera, remove the batteries immediately, taking care to avoid burns. Continued operation could result in injury. After removing the batteries, take the camera to an authorized Nikon service center for information on repairs.



Do not use in the presence of flammable gas

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



Do not disassemble

Touching the camera's internal parts could result in injury. In the event of a malfunction, the camera should be repaired only by a qualified technician. Should the camera break open as the result of a fall or other accident, remove the batteries and then take the camera to an authorized Nikon service center for information on repairs.



Keep out of reach of children

Particular care should be taken to prevent infants from putting the camera's batteries or other small parts into their mouths.



Do not walk while looking through viewfinder

Walking while looking through the camera's viewfinder or color LCD monitor could result in a fall or other injury.

Other Cautions

To ensure that you can continue to enjoy the use of your COOLPIX 900, you should observe the following precautions.

✓ **Do not touch the lens with your fingers**

The proper procedure for cleaning the camera's lens is described in "*Caring for Your Camera.*"

✓ **Handle the lens and moving parts with care**

Do not apply force to the lens or to the battery, card, or connector covers. These parts are especially susceptible to damage. Do not attempt to rotate the lens and viewfinder past the limits of the hinge. When carrying the camera, do not pick the camera up by the lens.

✓ **Do not drop**

Your camera may malfunction if subjected to strong shocks or vibration.

✓ **Keep away from strong magnetic fields**

Do not use or store your camera in the vicinity of equipment that produces strong electromagnetic radiation or magnetic fields. The magnetic fields produced by equipment such as radio transmitters or household television sets could cause interference on the color LCD monitor, damage data stored on the flash memory card, or affect the camera's internal circuitry.

✓ **Keep dry**

The COOLPIX 900 is not waterproof, and may malfunction if immersed in water or exposed to high levels of humidity.

✓ **Keep free of salt, sand, and dust**

After using your camera at the beach or seaside, wipe off any sand or salt with a lightly dampened cloth and then dry your camera thoroughly.

✓ **Avoid sudden changes in temperature**

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

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Overview

Thank you for buying a Nikon COOLPIX 900 digital camera. The COOLPIX 900 is a full-featured digital camera with optical and digital zoom and a built-in flash. In automatic mode the camera's programmed autofocus, autoexposure, auto white-balance, and matrix metering allow for "point-and-shoot" photography that produces excellent results in a variety of conditions. The menu-driven manual mode offers a choice of metering methods, exposure compensation, and white balance programs in addition to a variety of digital effects. Photographs taken in either mode can be played back instantly on the camera's color LCD monitor, or the camera can be connected to a television for demonstration. The COOLPIX 900 can also be attached to a computer, where your images and recordings can be viewed using the *Nikon View 900* software provided with your camera, or edited for use in other applications.

The manuals for your COOLPIX 900 and the *Nikon View 900* browser software are divided into three parts. The *User's Guide* (this manual) offers a brief introduction to using your camera and describes how to install *Nikon View 900*. Separate reference guides for camera and software (both Macintosh and Windows versions) are provided on CD-ROM. These reference guides can be viewed on-line or printed when you need more detailed information on using the camera and software. In addition, a one-page *Fast Track Guide* is provided for experienced users who want to get started with a minimum of instruction. Where appropriate, this guide will refer readers to the reference manuals or *Fast Track Guide* for more information. References to manuals on CD are indicated by a  icon, references to the *Fast Track Guide* by a  icon.

The chapters that follow guide you, step-by-step, through the basics of using your camera and installing the browser software for your platform. The next chapter, "*Parts and Accessories*," introduces you to the parts of the camera. This is followed by "*First Steps*," which outlines the steps you will take after you remove the camera from the box, from inserting the batteries to taking your first photographs and playing them back. Information on installing the browser software provided with your camera may be

found in “Nikon View 900,” which also describes how to install the *Adobe Acrobat Reader* software you will need to view the manuals on CD-ROM. Please read all instructions carefully to ensure that you get the most from your camera.

Note: *The illustrations in this manual are composites. Photographs taken with the COOLPIX 900 may differ from those shown here.*

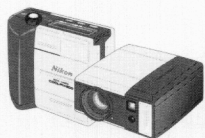
Note: *The illustrations in this manual show the color LCD monitor used in the NTSC-compatible model of the COOLPIX 900. Owing to differences in video standards, the PAL-compatible model will display items in positions slightly different from those shown here.*

Parts and Accessories

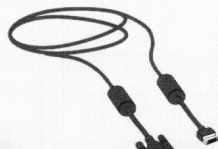
This chapter identifies the parts of the COOLPIX 900 and lists the items packaged with your camera.

What's in this Package

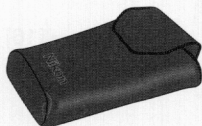
Purchasers of the COOLPIX 900 should find that the package contains all the items listed below. Should you notice that anything is missing or damaged, contact your retailer immediately.



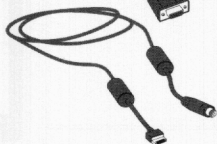
COOLPIX 900
digital camera
(1)



SC-900 serial
cable (IBM PC/
AT RS-232C)
(1)



Carrying case
(1)



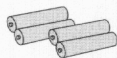
SC-900M serial
cable (Macintosh
RS-232C/RS-
422) (1)



CF-4 4MB
compact flash-
memory card
(1)



Software CD-
ROM (1)

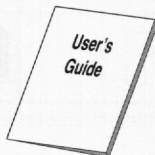


AA (LR6)
alkaline
batteries (4)

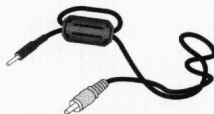
Reference CD-
ROM (1)



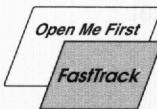
Camera strap
(1)



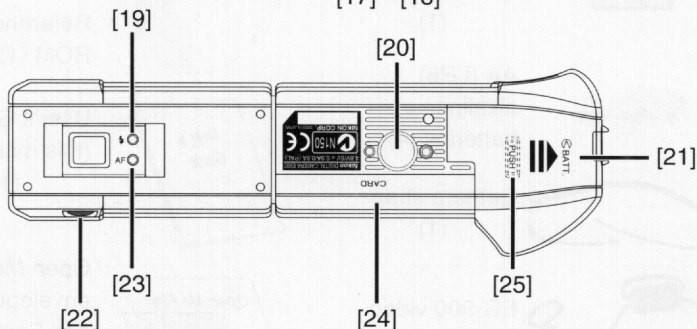
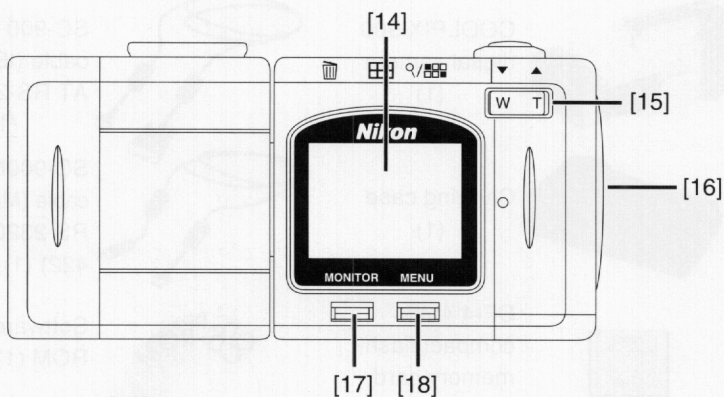
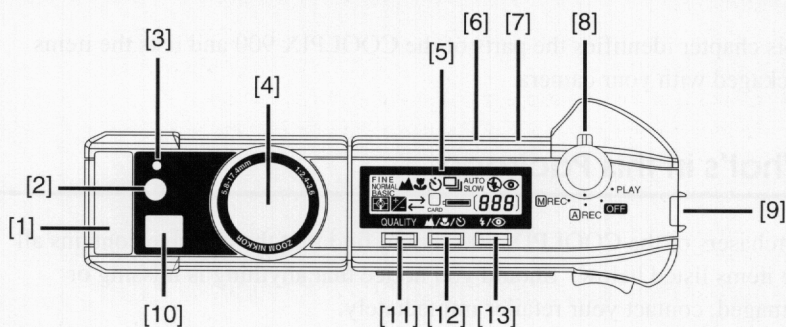
User's Guide
(this manual)
(1)



EG-900 video
cable (1)

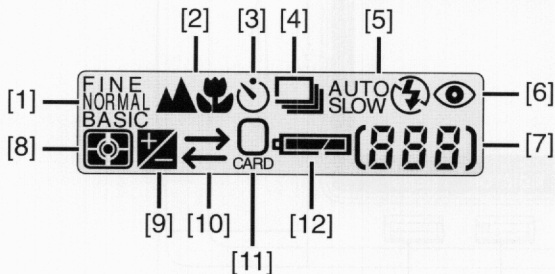


Open Me First
envelope (1)
and Fast Track
guide (1)



- | | |
|--|--|
| [1] Speedlight (flash) | [13] Flash/Multiple Selection button |
| [2] Red-eye reduction lamp | [14] Color LCD monitor |
| [3] Photocell | [15] Zoom switch |
| [4] Lens | [16] Hole for camera strap |
| [5] Control panel | [17] MONITOR button |
| [6] Connector for AC adapter
(under cover) | [18] MENU button |
| [7] Connector for video cable
(under cover) | [19] Flash indicator |
| [8] Selector dial/Shutter-release
button | [20] Tripod connector |
| [9] Connector for serial cable
(under cover) | [21] Battery cover |
| [10] Viewfinder window | [22] Diopter dial for adjusting
viewfinder focus |
| [11] QUALITY/Delete button | [23] Autofocus lamp |
| [12] Focus/Thumbnail button | [24] Compact flash memory card slot
(under cover) |
| | [25] Battery cover release button |

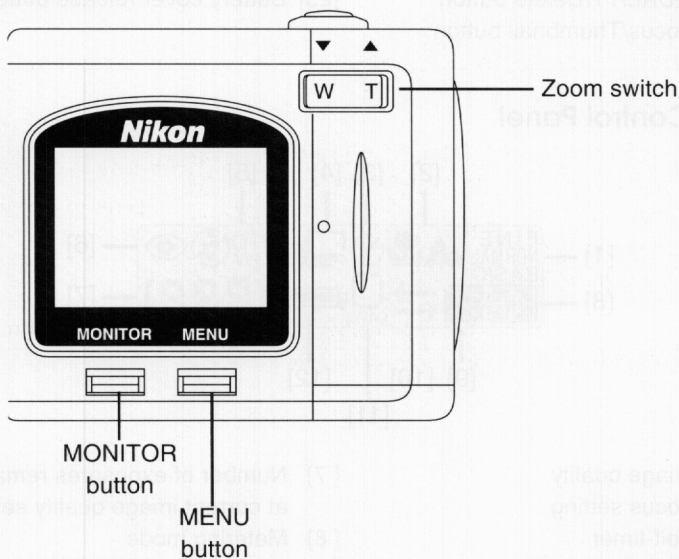
The Control Panel



- | | |
|----------------------------------|--|
| [1] Image quality | [7] Number of exposures remaining
at current image quality setting |
| [2] Focus setting | [8] Metering mode |
| [3] Self-timer | [9] Exposure compensation |
| [4] Digital motor-drive | [10] Data transfer icon |
| [5] Flash mode | [11] Memory card indicator |
| [6] Red-eye reduction indicator | [12] Battery indicator |

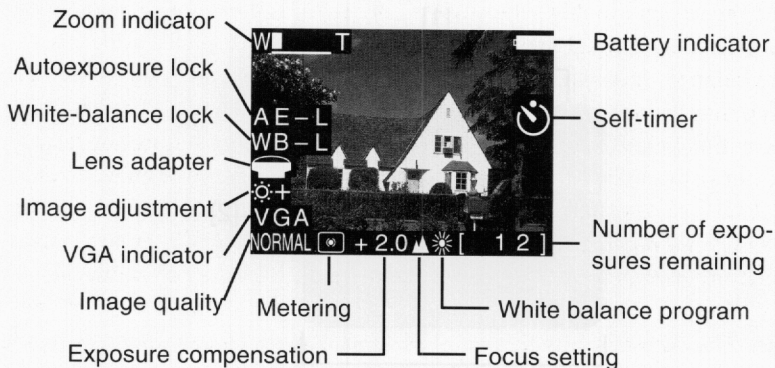
The Color LCD Monitor

When the selector dial is set to A-REC or M-REC, the color LCD monitor shows the view through the camera's lens, adjusted for such settings as white balance, exposure, and digital zoom. When the dial is set to PLAY, the monitor displays the most recently recorded photograph. The MONITOR button below the monitor controls whether camera settings or recording information will be shown superimposed on the image displayed, and can also be used to turn the monitor off, increasing battery life. In manual (M-REC) and playback (PLAY) modes, pressing the MENU button causes the settings menus for the current mode to be displayed. The zoom-out (W/▼) and zoom-in (T/▲) buttons are used to highlight the various menu items. The currently highlighted menu item can be selected by pressing the shutter button.

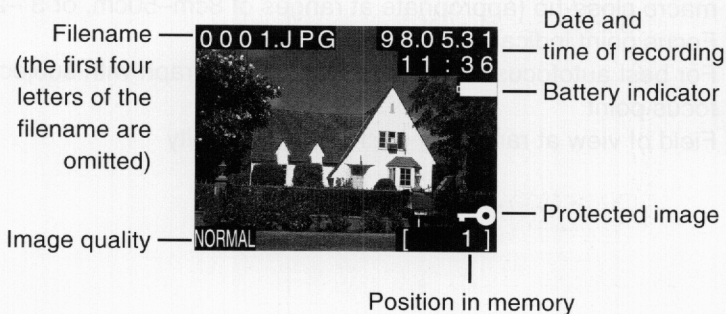


When the monitor is on and information is shown, pressing the MONITOR button will hide the information display. Pressing the button a second time will turn the monitor off. To turn the monitor on, press the MONITOR button once.

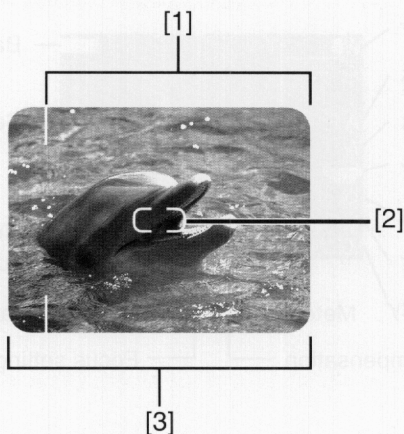
Camera settings (A-REC, M-REC)



Recording information (PLAY)



Through the Viewfinder



[1] Macro close-up field-of-view

Use this frame when composing photographs with focus set to macro close-up (appropriate at ranges of 8cm–50cm, or 3”–20”)

[2] Focus point indicator

For best autofocus results, compose photograph with subject at focus point

[3] Field of view at ranges of 50cm (20”) to infinity

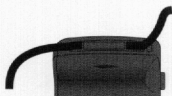
This chapter guides you through the steps you will take after removing the camera from the box, from inserting the batteries to making your first photographs and playing them back. Before you will be able to use your camera, you will need to:

- attach the camera strap
- insert batteries
- insert the compact flash-memory card
- choose the language to be used in the setting and playback menus
- set the camera's clock-calendar to the current date and time

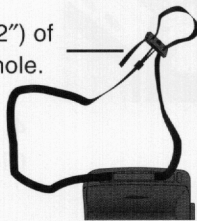
These tasks are detailed on the pages that follow. Once these steps have been completed, your camera will be ready to take photographs and play them back as described at the end of this chapter. More detailed information on camera settings and on playing images back may be found in the camera reference manual on CD-ROM.

Attaching the Camera Strap

Attach the camera strap as shown below.



Note: Feed at least 5 cm (2") of the strap through the final hole.



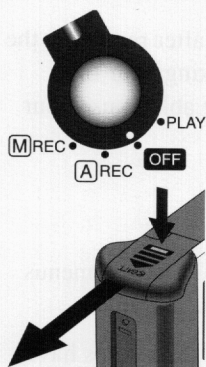
Keep the strap over your shoulder or around your wrist when carrying the camera.



Caution

To prevent accidental strangulation, do not place the camera strap around your neck. Special care should be taken to avoid placing the strap around the neck of an infant or child.

Putting Batteries in Your Camera

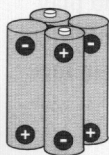


1. Turn the camera off

When putting new batteries in your camera, first rotate the selector dial to OFF. If the camera is on a tripod, the camera must be removed from the tripod before the batteries can be replaced.

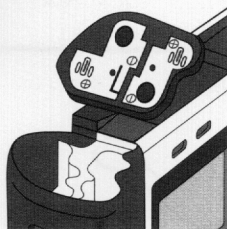
2. Open the battery cover

Turn the camera upside down and unlatch the battery chamber by pushing the button and sliding the cover away from the camera. Then raise and open the lid.



3. Insert batteries

Insert the batteries with the positive (+) and negative (-) poles aligned as shown in the diagram on the underside of the cover.



4. Close the battery cover

Close the cover and slide it back until it latches.



Cautions

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

- Turn the selector dial to OFF before replacing the batteries. If you are using the AC adapter, be sure to unplug the camera.
- Use only 1.5V AA (LR6) batteries. Alkaline batteries are recommended, but nickel-cadmium (NiCd), nickel metal-hydride (NiMH), and lithium batteries may also be used. Note however that the battery indicator may not function properly with these types. Because of their short life-span, the use of manganese batteries is not recommended. Using other types of battery could cause fire.
- Be sure that the batteries are aligned as shown in the illustration opposite.
- Replace all batteries at the same time using only one type of battery. Do not mix batteries of different types or use old batteries together with new.
- Do not attempt to recharge, short, or disassemble the batteries.
- Do not expose the batteries to flame or to excessive heat or moisture.
- Batteries are prone to leakage when fully discharged. To avoid damage to the camera, be sure to remove the batteries when no charge remains.
- When the camera is used continuously for a long time on battery power, the batteries may become hot. When removing the batteries, due caution should be observed to prevent burns.

Note: *The camera's clock-calendar is powered by a separate rechargeable battery. When you put batteries in your camera for the first time or after a long period of storage, wait a few hours for the clock battery to recharge before removing the main batteries. Once the clock battery has charged, removing the batteries will not affect the clock-calendar.*

Note: *Photographs stored on the flash memory card are not affected when the batteries are removed. All manual-mode settings, with the exceptions of the date and language, will however be reset.*