Nikon

DIGITAL CAMERA

COOLPIX S9900

Quick Start Guide

En

For advanced use of the camera, read the Reference Manual
(in pdf format) which is available in Hindi.
See the reverse side for information to download the file.

COOLPIX S9900
Model Name: N1414

Introduction

Read This First

To get the most from this Nikon product, be sure to read "For Your Safety" (□39-41), "<Important> Notes About Location Data Functions (GPS/ GLONASS, Electronic Compass)" (□44), and "Wi-Fi (Wireless LAN Network)" (□46), and all other instructions thoroughly and keep them where they will be read by all who use the camera.

- If you want to start using the camera right away, see "Preparing for Shooting" (□8) and "Basic Shooting and Playback Operations" (□14).

Downloading the "Reference Manual"

The Reference Manual (PDF format) provides more details in various languages on how to use this camera. Download the Reference Manual from the Nikon website and refer to it along with this manual.

http://nikonimglib.com/manual/

- The Reference Manual can be viewed using Adobe Reader, available for free download from the Adobe website.

Downloading ViewNX 2

ViewNX 2 is free software that enables you to transfer images and movies to your computer so that you can view, edit, or share them.
To install ViewNX 2, download the ViewNX 2 installer from the Nikon website and follow the on-screen installation instructions.
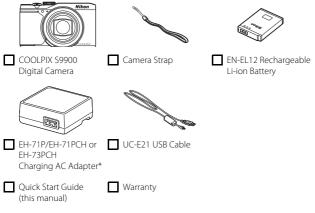http://nikonimglib.com/nvnx/

Nikon User Support

If you need any technical assistance with the operation of your Nikon product(s), please contact one of the Nikon representatives. For information on the Nikon representatives in your area, please visit http://www.nikon-asia.com/support.
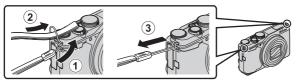
Confirming the Package Contents

In the event that any items are missing, please contact the store where you purchased the camera.

☐ COOLPIX S9900 Digital Camera

☐ Camera Strap

☐ EN-EL12 Rechargeable Li-ion Battery

☐ EH-71P/EH-71PCH or EH-73PCH Charging AC Adapter*

☐ UC-E21 USB Cable

☐ Quick Start Guide (this manual)

☐ Warranty

* A plug adapter is included if the camera was purchased in a country or region that requires a plug adapter. The shape of the plug adapter varies with the country or region of purchase (□9).

NOTE: A memory card is not included with the camera. SD, SDHC, and SDXC memory cards are referred to as "memory cards" in this manual.

How to Attach the Camera Strap

• The camera strap can be attached to the eyelet on either side (left and right) of the camera body.

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 websites:

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

Visit these websites 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 website below for contact information.

http://imaging.nikon.com/

Use Only Nikon Brand Electronic Accessories

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

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

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

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

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

Before Taking Important Pictures

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

About the Manuals

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

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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 set **Record location data** of **Location data options** (□22) to **Off** after formatting the device and then completely refill it with images containing no private information (for example, images of empty sky). Care should be taken to avoid injury or damage to property when physically destroying data storage devices. For the COOLPIX S9900, the log data saved on the memory card is handled in the same way as other data. To erase the log data that is obtained but not stored on the memory card, select **Create log** → **End log** → **Erase log**.

To delete the Wi-Fi settings, select **Restore default settings** in the Wi-Fi options menu (□22).

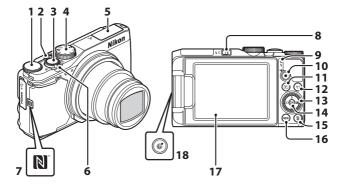## Conformity Marking

Follow the procedure below to display some of the conformity markings that the camera complies with.

Press the MENU button ➔ ✿ menu icon ➔ Conformity marking ➔ ⓐ button

Parts of the Camera

The Camera Body

1	Command dial
2	Power switch/power-on lamp
3	Shutter-release button
4	Mode dial
5	Flash
6	Zoom control **W** : wide-angle **T** : telephoto **⊞** : thumbnail playback **Q** : playback zoom **❷** : help
7	N-Mark (NFC antenna)
8	⚡︎**⚞** (flash pop-up) control
9	Charge lamp Flash lamp
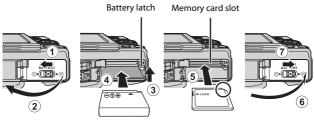
10	● (**🎥** movie-record) button
11	▶ (playback) button
12	**⟨ᴛ⟩** (Wi-Fi) button
13	Rotary multi selector (multi selector)
14	**⑥** (apply selection) button
15	**🗑** (delete) button
16	**MENU** (menu) button
17	Monitor
18	**⊕** (map) button

Preparing for Shooting

Insert the Battery and Memory Card

Battery latch   Memory card slot

- With the battery's positive and negative terminals oriented correctly, move the orange battery latch (③), and fully insert the battery (④).
- Slide the memory card in until it clicks into place (⑤).
- Be careful not to insert the battery or memory card upside-down or backward, as this could cause a malfunction.

❎ Formatting a Memory Card

The first time you insert a memory card that has been used in another device into this camera, make sure to format it with this camera. Insert the card into the camera, press the **MENU** button, and select **Format card** in the setup menu (□22).

Removing the Battery or Memory Card

Turn the camera off and make sure that the power-on lamp and monitor have turned off, and then open the battery-chamber/memory card slot cover.

- Move the battery latch to eject the battery.
- Gently push the memory card into the camera to partially eject the memory card.
- Be careful when handling the camera, battery, and memory card immediately after using the camera, as they may become hot.
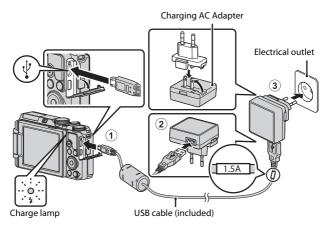
Memory Cards and Internal Memory

Camera data, including images and movies, can be saved either on a memory card or in the camera's internal memory. To use the camera's internal memory, remove the memory card.

Charge the Battery

1 With the battery installed, connect the camera to an electrical outlet.

Charging AC Adapter

Electrical outlet

Charge lamp

USB cable (included)

If a plug adapter* is included with your camera, securely connect it to the Charging AC Adapter. 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.
  This step can be omitted if the plug adapter comes permanently bonded to the Charging AC Adapter.

- The charge lamp slowly flashes green to indicate that the battery is charging.
- When charging is complete, the charge lamp turns off. It takes about 2 hour and 20 minutes to charge a fully exhausted battery.
- The battery cannot be charged when the charge lamp quickly flashes green, possibly due to one of the reasons described below.
  - The ambient temperature is not suited to charging.
  - The USB cable or Charging AC Adapter is not properly connected.
  - The battery is damaged.

2 Disconnect the Charging AC Adapter from the electrical outlet and then disconnect the USB cable.

Preparing for Shooting | *9*

❎ Notes About the USB Cable

- Do not use a USB cable other than the UC-E21. Using a USB cable other than the UC-E21 could result in overheating, fire or electric shock.
- Make sure that the plugs are properly oriented. Do not insert or remove the plugs at an angle when connecting or disconnecting them.

❎ Notes About Charging the Battery

Do not, under any circumstances, use another make or model of AC adapter other than the EH-71P/EH-71PCH/EH-73PCH Charging AC Adapter, and do not use a commercially available USB-AC adapter or a battery charger for a mobile phone. Failure to observe this precaution could result in overheating or in damage to the camera.
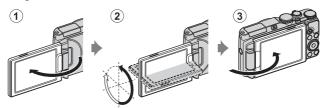
✐ Charging Using a Computer or Battery Charger

- You can also charge the battery by connecting the camera to a computer.
- You can use the MH-65 Battery Charger (available separately) to charge the battery without using the camera.

Opening and Adjusting the Angle of the Monitor

Changing the orientation of the monitor is useful when shooting with the camera in a high or a low position, or when taking selfies.
For normal shooting, fold the monitor against the camera body with the screen facing out ($\textcircled{3}$).

When you are not using or carrying the camera, fold the monitor against the camera body with the screen facing inward to prevent scratches or contamination.

⚠ Notes About the Monitor

When moving the monitor, do not apply excessive force and turn slowly within the monitor's adjustable range so that the connection will not be damaged.

Turn the Camera On and Set the Display Language, Date, and Time

When the camera is turned on for the first time, the language-selection screen and the date and time setting screen for the camera clock are displayed.

1 Press the power switch to turn on the camera.

- The monitor turns on.
- To turn the camera off, press the power switch again.
- The power switch is enabled a few seconds after the battery is inserted. Wait a few seconds before pressing the power switch.

2 Use the multi selector ▲▼ to select the desired language and press the ⓞⓚ button.
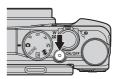
Language
Български
Čeština
Dansk
Deutsch
English
Español

3 Select **Yes** and press the ⓞⓚ button.

4 Select your home time zone and press the ⓞⓚ button.

- Press ▲ to display ⓠ above the map and enable daylight saving time. Press ▼ to disable it.

London, Casablanca

5 Use ▲▼ to select the date format and press the ⓞⓚ button.

6 Set the date and time, and press the ⊛ button.

- Use ◀▶ to select a field and then use ▲▼ to set the date and time.
- Select the minute field and press the ⊛ button to confirm the setting.

Date and time

D M Y h m

15. 11. 2015 15 : 30

Edit

7 When the confirmation dialog is displayed, use ▲▼ to select **Yes** and press the ⊛ button.

- When settings are finished, the lens extends and the camera switches to shooting mode.

⬚ **Changing the Language or the Date and Time Setting**

- You can change these settings using the **Language** and **Time zone and date** settings in the ❦ setup menu (□22).
- You can enable or disable daylight saving time in the ❦ setup menu by selecting **Time zone and date** followed by **Time zone**. Enabling daylight saving time moves the clock forward one hour, and disabling it moves the clock back one hour.

⬚ **The Clock Battery**

- The camera's clock is powered by a built-in backup battery.
  The backup battery charges when the main battery is inserted into the camera or when the camera is connected to an optional AC adapter, and it can run the clock for several days after about 10 hours of charging.
- If the camera's backup battery becomes exhausted, the date and time setting screen is displayed when the camera is turned on. Set the date and time again (□12).
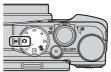
Basic Shooting and Playback Operations

Shooting with ■ (Auto) Mode

1 Rotate the mode dial to ■.

- The camera enters ■ (auto) mode and can be used for general shooting.
- Battery level indicator
  ▭: The battery level is high.
  ▭: The battery level is low.
- Number of exposures remaining ⓘ is displayed when no memory card is inserted in the camera, and images are saved in the internal memory.
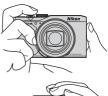
Battery level indicator

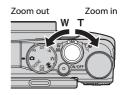Number of exposures remaining

2 Hold the camera steady.

- Keep fingers and other objects away from the lens, flash, AF-assist illuminator, microphones, and speaker.

- When taking pictures in portrait ("tall") orientation, turn the camera so that the flash is above the lens.

3 Frame the picture.

- **•** Move the zoom control to change the zoom lens position.

Zoom out   Zoom in

4 Press the shutter-release button halfway.

- **•** When the subject is in focus, the focus area or focus indicator is displayed in green.
- **•** When you are using digital zoom, the camera focuses in the center of the frame and the focus area is not displayed.
- **•** If the focus area or focus indicator flashes, the camera is unable to focus. Modify the composition and try pressing the shutter-release button halfway again.

5 Without lifting your finger, press the shutter-release button the rest of the way down.

⚠️ Notes About Saving Images or Movies

The indicator showing the number of exposures remaining or the indicator showing remaining recording time flashes while images or movies are being saved. **Do not open the battery-chamber/memory card slot cover or remove the battery or memory card** while an indicator is flashing. Doing this could result in loss of data, or in damage to the camera or the memory card.

✍ The Auto Off Function

- When no operations are performed for about one minute, the monitor turns off, the camera enters standby mode, and then the power-on lamp flashes. The camera turns off after remaining in standby mode for about three minutes.
- To turn the monitor back on while the camera is in standby mode, perform an operation such as pressing the power switch or shutter-release button.

✍ When Using a Tripod

- We recommend using a tripod to stabilize the camera in the following situations:
  - When shooting in dim lighting with the flash mode set to ⚡ (off)
  - When the zoom is at a telephoto position
- When using a tripod to stabilize the camera during shooting, set **Photo VR** to **Off** in the setup menu (□22) to prevent potential errors caused by this function.

Using the Flash
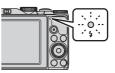
In situations where a flash is needed, such as in dark locations or when the subject is backlit, move the $\frac{1}{4} \mathbb{K}$ (flash pop-up) control to raise the flash.
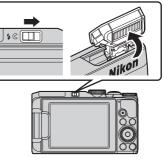
- When not using the flash, gently push to lower the flash until it clicks shut.

🖊 The Flash Lamp

- The status of the flash can be confirmed by pressing the shutter-release button halfway.
  - On: The flash fires when you press the shutter-release button all the way down.
  - Flashing: The flash is charging. The camera cannot shoot images.
  - Off: The flash does not fire when a picture is taken.
- If the battery level is low, the monitor turns off while the flash is charging.

Play Back Images

1 Press the ▶ (playback) button to enter playback mode.

- If you press and hold down the ▶ (playback) button while the camera is turned off, the camera turns on in playback mode.

2 Use the multi selector to select an image to display.

- Press and hold down ▲▼◀▶ to scroll through the images quickly.
- Images can also be selected by rotating the multi selector.
- To play back a recorded movie, press the ⓚ button.
- To return to shooting mode, press the ▶ button or shutter-release button.
- When **OK : ✂** is displayed in full-frame playback mode, you can press the ⓚ button to apply an effect to the image.

Display the previous image

Display the next image

- Move the zoom control toward **T** (**Q**) in full-frame playback mode to zoom in on an image.

- In full-frame playback mode, move the zoom control toward **W** (**◲**) to switch to thumbnail playback mode and display multiple images on the screen.

Delete Images

1 Press the 🗑 (delete) button to delete the image currently displayed in the monitor.

2 Use the multi selector ▲▼ to select the desired deletion method and press the 🆗 button.

- To exit without deleting, press the **MENU** button.

Delete
Current image
Erase selected images
All images

3 Select **Yes** and press the 🆗 button.

- Deleted images cannot be recovered.

Erase 1 image?
Yes
No

⚠️ Deleting Images Captured Continuously (Sequence)

- Images captured continuously are saved as a sequence, and only the first image of the sequence (the key picture) is displayed in playback mode.
- If you press the 🗑 button while a key picture is displayed for a sequence of images, all images in the sequence are deleted.

1/5

0004. JPG
15/11/2015 15:30
NORM

- To delete individual images in a sequence, press the 🆗 button to display them one at a time and press the 🗑 button.

✐ Deleting the Image Captured While in Shooting Mode

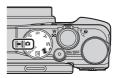When using shooting mode, press the 🗑 button to delete the last image that was saved.

Changing the Shooting Mode

Rotate the mode dial to select one of the following shooting modes.

- **A (Auto) mode**

   Used for general shooting.

- **SCENE (Scene) mode**

   Camera settings are optimized according to the scene that you select.

   When using scene auto selector, the camera automatically recognizes the shooting scene when you frame a picture, making it easier to take pictures using settings that suit the scene.

   In time-lapse movie scene mode, the camera can automatically capture 300 still images at a specified interval to create time-lapse movies (🎞 **1080/30p**) that are approximately 10 seconds long.

   When using special effects, effects can be applied to images during shooting.

- **😊 (Smart portrait) mode**

   Use glamour retouch to enhance human faces during shooting, and use the smile timer or self-collage function to take pictures.

- **🎬 (Short movie show) mode**

   You can create a short movie (🎞 **1080/30p** or 🎞 **1080/25p**) that is up to 30 seconds long by recording and automatically combining multiple movie clips that are several seconds long.

- **P, S, A, M modes**

   Select these modes for greater control over shutter speed and aperture value.

Recording Movies

Display the shooting screen and press the ● (🎥 movie-record) button to start recording a movie. Press the ● (🎥) button again to end recording.

- To play back a movie, select a movie in full-frame playback mode and press the 🆗 button.

Functions That Can Be Set with the Multi Selector (When Shooting)

When the shooting screen is displayed, you can press the multi selector ▲(❖)
◀ (⟳) ▼(❀) ▶ (☒) to set the functions described below.

- **❖ Flash mode**
  When the flash is raised, you can select a flash mode to match the shooting conditions.
- **⟳ Self-timer**
  The camera releases the shutter 10 seconds or 2 seconds after you press the shutter-release button.
- **❀ Macro mode**
  Use macro mode when you take close-up pictures.
- **☒ Creative slider (☒ brightness (exposure compensation), ⊛ vividness, and ⊛ hue)**
  In ▲ (auto) mode, scene mode, or short movie show mode, you can adjust overall image brightness (exposure compensation).
  In P, S, A, M mode, you can adjust overall image brightness, vividness, and hue.
  In smart portrait mode, you can apply glamour retouch to enhance human faces.

The functions that can be set vary depending on the shooting mode.

Other Functions

Functions That Can Be Set with the MENU (Menu) Button

You can set the menus listed below by pressing the MENU (menu) button.

- **A, SCENE, ☺, 🍴, P, S, A, M Shooting menu**
  Available by pressing the MENU button when the shooting screen is displayed.
  Allows you to change image size and quality, continuous shooting settings, etc.
  Menu icons and setting items vary depending on the shooting mode.

- **🎬 Movie menu**
  Available by pressing the MENU button when the shooting screen is displayed.
  Allows you to change movie recording settings.

- **▶ Playback menu/🗓 List by date menu**
  Available by pressing the MENU button when viewing images in full-frame playback mode or thumbnail playback mode.
  Allows you to edit images, play slide shows, etc.

- **🗺 Location data options menu**
  Allows you to configure location data options.
  When **Record location data** in **Location data options** is set to **On**, the camera starts receiving signals from the positioning satellites.

- **📶 Wi-Fi options menu**
  Allows you to configure Wi-Fi settings for connecting the camera and a smart device.

- **🔧 Setup menu**
  Allows you to adjust basic camera functions such as date and time, display language, etc.

1 Press the MENU (menu) button.

- The menu is displayed.

2 Press the multi selector ◀.

- The current menu icon is displayed in yellow.

	Shooting menu
📷	
🎬	Image quality
	Image size
(ᵞ)	
✦	
⚙	

Menu icons

3 Select a menu icon and press the ⓞⓚ button.

- The menu options become selectable.

	Set up
📷	Time zone and date
🎬	Monitor settings
(ᵞ)	Date stamp
✦	Photo VR
	AF assist
⚙	Digital zoom

4 Select a menu option and press the ⓞⓚ button.

- Certain menu options cannot be set depending on the current shooting mode or the state of the camera.

📷	Time zone and date
🎬	Monitor settings
(ᵞ)	Date stamp	OFF
✦	Photo VR
	AF assist	AUTO
⚙	Digital zoom	ON

5 Select a setting and press the ⓞⓚ button.

- The setting you selected is applied.
- When you are finished using the menu, press the **MENU** button.
- When a menu is displayed, you can switch to shooting mode by pressing the shutter-release button or ● (🎬) button.

	Date stamp
📷	
🎬	
(ᵞ)	**DATE** Date
✦	**DATE** Date and time
	Off
⚙	

🖉 Command Dial or Multi Selector Operation When a Menu is Displayed

When a menu or setting items are displayed, you can select a menu option also by rotating the command dial or multi selector.

Using Location Data Functions/Displaying Maps

Select the ❖ (location data options) menu (□22), and set **Record location data** in **Location data options** to **On**, the camera starts receiving signals from positioning satellites.

Location data reception can be checked on the shooting screen.

- ❖ or ❖: Signals are being received from four or more satellites, or from three satellites, and positioning is being performed.
- ❖: Signals are being received, but positioning is not possible.
- ❖: Signals are not received.

Recording the Shooting Location Data on the Image

- When shooting while positioning is being performed, the obtained location data (latitude and longitude) are recorded on the images to be shot.
- When **Compass display** in **Electronic compass** is set to **On**, a rough direction of the shooting is also recorded.

Recording the Log

- When selecting **Start log** in **Create log** in the location data options menu, while positioning is being performed, the location data of places you visit with the camera is recorded at the certain interval.
- The recorded log (location data) can be displayed on the map, when you store the log on the memory card and then select **View log** in the location data options menu. To save the recorded log, end log recording in **Create log** and select **Save log**.

Displaying Maps

- To display the current position on the map if positioning is being performed, press the ✏ (map) button on the shooting screen.
- To display the shooting location on the map, play back the images which have the location data recorded, and press the ✏ button.

Using the Wi-Fi (Wireless LAN) Function

You can perform the following functions if you install the dedicated software "Wireless Mobile Utility" on your smart device that runs on Android OS or iOS, and connect it to the camera.

Take Photos

You can capture still images using the two methods described below.
- Release the shutter on the camera and save the captured images to a smart device.
- Use a smart device to remotely release the camera shutter and save images to the smart device.

View Photos

Images that are saved in the camera's memory card can be transferred and viewed on your smart device. You can also preselect the images in the camera that you want to transfer to your smart device.

❚ Notes About Security Settings

No security settings such as password are configured for the camera at the time of purchase. We strongly recommend performing the required security settings before using the Wi-Fi function. Use **Options** in the Wi-Fi options menu (❏22) to perform the security settings.

Installing the Software on the Smart Device

1 Use your smart device to connect to the Google Play Store, App Store or other online apps marketplace and search for "Wireless Mobile Utility."
- Check the user's manual provided with your smart device for further details.

2 Check the description and other information and install the software.

✐ User's Manual for Wireless Mobile Utility

Download the user's manual from the website below.
- Android OS: http://nikonimglib.com/ManDL/WMAU/
- iOS: http://nikonimglib.com/ManDL/WMAU-ios/

To establish a connection with the camera, press the $\langle\!\langle \mathbf{y} \rangle\!\rangle$ (Wi-Fi) button on the camera, and turn on the Wi-Fi function of the smart device, and then start the "Wireless Mobile Utility" while **Negotiating... Please wait.** is displayed on the camera.

Technical Notes

Caring for the Product

Observe the precautions described below in addition to the warnings in "For Your Safety" (□39-41) when using or storing the device.

The Camera

Do Not Apply Strong Impact to the Camera

The product may malfunction if subjected to strong shock or vibration. In addition, do not touch or apply force to the lens or lens cover.

Keep Dry

The device will be damaged if immersed in water or subjected to high humidity.

Avoid Sudden Changes in Temperature

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

Keep Away from Strong Magnetic Fields

Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields. Doing so could result in loss of data or camera malfunction.

Do Not Point the Lens at Strong Light Sources for Extended Periods

Avoid pointing the lens at the sun or other strong light sources for extended periods when using or storing the camera. Intense light may cause the image sensor to deteriorate or produce a white blur effect in photographs.

Turn the Product Off Before Removing or Disconnecting the Power Source or Memory Card

Do not remove the battery while the product is on, or while images are being saved or deleted. Forcibly cutting power in these circumstances could result in loss of data or in damage to product memory or internal circuitry.

Notes About the Monitor

- Monitors and electronic viewfinders are constructed with extremely high precision; at least 99.99% of pixels are effective, with no more than 0.01% being missing or defective. Hence while these displays may contain pixels that are always lit (white, red, blue, or green) or always off (black), this is not a malfunction and has no effect on images recorded with the device.
- Images in the monitor may be difficult to see under bright lighting.
- Do not apply pressure to the monitor, as this could cause damage or malfunction. Should the monitor break, care should be taken to avoid injury caused by broken glass and to prevent the liquid crystal from the display touching the skin or entering the eyes or mouth.

The Battery

Precautions for Use

- Note that the battery may become hot after use.
- Do not use the battery at ambient temperatures below 0°C (32°F) or above 40°C (104°F) as this could cause damage or malfunction.
- If you notice any abnormalities such as excessive heat, smoke, or an unusual smell coming from the battery, immediately discontinue use and consult your retailer or Nikon-authorized service representative.
- After removing the battery from the camera or optional battery charger, put the battery in a plastic bag, etc. in order to insulate it.

Charging the Battery

Check the battery level before using the camera and replace or charge the battery if necessary.

- Charge the battery indoors with an ambient temperature of 5°C to 35°C (41°F to 95°F) before use.
- A high battery temperature may prevent the battery from charging properly or completely, and may reduce battery performance. Note that the battery may become hot after use; wait for the battery to cool before charging.
  When charging the battery inserted into this camera using the Charging AC Adapter or a computer, the battery is not charged at battery temperatures below 0°C (32°F) or above 45°C (113°F).
- Do not continue charging once the battery is fully charged as this will result in reduced battery performance.
- The battery temperature may increase during charging. However, this is not a malfunction.

Carrying Spare Batteries

Whenever possible, carry fully charged spare batteries when taking pictures on important occasions.

Using the Battery When Cold

On cold days, the capacity of batteries tends to decrease. If an exhausted battery is used at a low temperature, the camera may not turn on. Keep spare batteries in a warm place and exchange as necessary. Once warmed, a cold battery may recover some of its charge.

Battery Terminals

Dirt on the battery terminals may prevent the camera from functioning. Should the battery terminals become dirty, wipe them off with a clean, dry cloth before use.

Charging an Exhausted Battery

Turning the camera on or off while an exhausted battery is inserted in the camera may result in reduced battery life. Charge the exhausted battery before use.

Storing the Battery

- Always remove the battery from the camera or optional battery charger when it is not being used. Minute amounts of current are drawn from the battery while it is in the camera, even when not in use. This may result in excessive battery drain and complete loss of function.
- Recharge the battery at least once every six months and completely exhaust it before returning it to storage.
- Put the battery in a plastic bag, etc. in order to insulate it and store it in a cool place. The battery should be stored in a dry location with an ambient temperature of 15℃ to 25℃ (59℉ to 77℉). Do not store the battery in hot or extremely cold locations.

Battery Life

A marked drop in the time a fully charged battery retains its charge, when used at room temperature, indicates that the battery needs to be replaced. Purchase a new battery.

Recycling Used Batteries

Replace the battery when it no longer holds a charge. Used batteries are a valuable resource. Please recycle used batteries in accordance with local regulations.

The Charging AC Adapter

- The EH-71P/EH-71PCH/EH-73PCH Charging AC Adapter is for use only with compatible devices. Do not use with another make or model of device.
- Do not use any USB cable other than the UC-E21. Using a USB cable other than the UC-E21 could result in overheating, fire or electric shock.
- Do not, under any circumstances, use another make or model of AC adapter other than the EH-71P/EH-71PCH/EH-73PCH Charging AC Adapter, and do not use a commercially available USB-AC adapter or a battery charger for a mobile phone. Failure to observe this precaution could result in overheating or in damage to the camera.
- The EH-71P/EH-71PCH/EH-73PCH 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.

Cleaning and Storage

Cleaning

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

Lens	Avoid touching glass parts with your fingers. Remove dust or lint with a blower (typically a small device with a rubber bulb attached to one end that is pumped to produce a stream of air out the other end). To remove fingerprints or other stains that cannot be removed with a blower, wipe the lens with a soft cloth, using a spiral motion that starts at the center of the lens and working toward the edges. If this fails, clean the lens using a cloth lightly dampened with commercial lens cleaner.
Monitor	Remove dust or lint with a blower. To remove fingerprints and other stains, clean the monitor with a soft, dry cloth, being careful not to apply pressure.
Body	• Use a blower to remove dust, dirt, or sand, then wipe gently with a soft, dry cloth. • After using the camera at the beach or other sandy or dusty environment, wipe off any sand, dust, or salt with a dry cloth lightly dampened with fresh water and dry thoroughly. **Note that foreign matter inside the camera could cause damage not covered by the warranty.**

Storage

Remove the battery if the camera will not be used for an extended period. To prevent mold or mildew, take the camera out of storage at least once a month. Turn the camera on and release the shutter a few times before putting the camera away again. Do not store the camera in any of the following locations:

• Places that are poorly ventilated or subject to humidity of over 60%
• Exposed to temperatures above 50°C (122°F) or below –10°C (14°F)
• Next to equipment that produces strong electromagnetic fields, such as televisions or radios

For storing the battery, follow the precautions in "The Battery" (A27) in "Caring for the Product" (A26).

Troubleshooting

If the camera fails to function as expected, check the list of common problems below before consulting your retailer or Nikon-authorized service representative.

Also, refer to the Reference Manual (PDF format) for further details on how to use this camera ($\square$2).

Problem	Cause/Solution	$\square$
The camera is on but does not respond.	• Wait for recording to end. • If the problem persists, turn the camera off. If the camera does not turn off, remove and reinsert the battery or batteries or, if you are using an AC adapter, disconnect and reconnect the AC adapter. Note that although any data currently being recorded will be lost, data that have already been recorded will not be affected by removing or disconnecting the power source.	–
The camera cannot be turned on.	• The battery is exhausted. • The power switch is enabled a few seconds after the battery is inserted. Wait a few seconds before pressing the power switch.	8, 9, 27 –
The camera turns off without warning.	• The camera automatically turns off to save power (auto off function). • The camera and battery may not work properly at low temperatures. • The inside of the camera has become hot. Leave the camera off until the inside of the camera has cooled, and then try turning it on again.	16 27 –
The monitor is blank.	• The camera is off. • The camera automatically turns off to save power (auto off function). • The flash lamp flashes while the flash is charging. Wait until charging is complete. • The camera is connected to a TV or computer. • The camera and smart device are connected using Wi-Fi connection and the camera is operated by remote control.	12 16 17 – –
The camera becomes hot.	The camera may become hot when used for an extended period of time to record movies or send images, or when used in a hot environment; this is not a malfunction.	–

Approved Memory Cards

The following Secure Digital (SD) memory cards have been tested and approved for use in this camera.

- Memory cards with an SD Speed Class rating of 6 or faster are recommended for recording movies. When using a memory card with a lower Speed Class rating, movie recording may stop unexpectedly.

	SD memory card	SDHC memory card	SDXC memory card
SanDisk	2 GB	4 GB, 8 GB, 16 GB, 32 GB	64 GB, 128 GB
TOSHIBA	–	4 GB, 8 GB, 16 GB, 32 GB	64 GB
Panasonic	2 GB	4 GB, 8 GB, 16 GB, 32 GB	64 GB
Lexar	–	4 GB, 8 GB, 16 GB, 32 GB	64 GB, 128 GB

- Contact the manufacturer for details on the above cards. We cannot guarantee camera performance when using memory cards made by other manufacturers.
- If you use a card reader, make sure that it is compatible with your memory card.

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For Your Safety

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

⚠ Do not remain in contact with the camera, Charging AC Adapter, or AC adapter for extended periods while the devices are or in use

Parts of the devices become hot. Leaving the devices in direct contact with the skin for extended periods may result in low-temperature burns.

⚠️ **Do not leave the product where it will be exposed to extremely high temperatures, such as in an enclosed automobile or in direct sunlight**

Failure to observe this precaution could cause damage or fire.

⚠️ **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 the EN-EL12 Rechargeable Li-ion Battery (included). Charge the battery by using a camera that supports battery charging. To perform this operation, use the EH-71P/EH-71PCH/EH-73PCH Charging AC Adapter (included) and UC-E21 USB Cable (included). The MH-65 Battery Charger (available separately) is also available to charge the battery without using a camera.
- 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.
- Put the battery in a plastic bag, etc. in order to insulate it before transporting. 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.

⚠ **Use the appropriate power supply (battery, Charging AC Adapter, AC adapter, USB cable)**

Using a power supply other than those provided or sold by Nikon could result in damage or malfunction.

⚠ **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.

⚠ **Do not touch the moving parts of the lens**

Failure to observe this precaution could result in injury.

⚠ **Handle moving parts with care**

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

⚠ **Using the flash close to your subject's eyes could cause temporary visual impairment**

The flash should be no less than 1 meter (3 ft 4 in.) from the subject. Particular care should be observed when photographing infants.

⚠ **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.

⚠ **Follow the instructions of airline and hospital personnel**

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.

Nikon
COOLPIX S9900

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

CAUTIONS

Modifications

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

Interface Cables

Use the interface cables sold or provided by Nikon for your equipment. Using other interface cables may exceed the limits of Class B Part 15 of the FCC rules.

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, U.S.A.
Tel: 631-547-4200

Notice for Customers in Canada

CAN ICES-3 B / NMB-3 B

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 electrical and electronic equipment 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.
- Separate collection and recycling helps conserve natural resources and prevent negative consequences for human health and the environment that might result from incorrect disposal.
- 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.

<Important> Notes About Location Data Functions (GPS/GLONASS, Electronic Compass)

●**Map/location name data of this camera**

Before using the location data functions, make sure to read "USER LICENSE AGREEMENT FOR MAP DATA AND LOCATION NAME DATA" (□33) and agree to the terms.

- The maps and location name information (Points of Interest: POI) are as of April 2014.
  The maps and location name information will not be updated.
- The details of geological formations are displayed simplistically according to the scale of a map. The scale of a map and level of detail of the location data vary depending on country and region.
  If the latitude becomes higher, the horizontal and vertical scales displayed on the monitor vary, therefore displayed geological formations differ from the actual formations. Use the maps and location name information only as a guide.
- The detailed map data and location name information (Points of Interest: POI) of the People's Republic of China ("China") and the Republic of Korea are not provided for the COOLPIX S9900.

●**Notes about record location data functions and log recording**

- When **Record location data** in **Location data options** of the Location data options menu is set to **On** or during log recording, record location data functions and log recording function will continue to operate even after the camera is turned off (□22).
- An individual may be identified from still images or movies that have been recorded with location data. Observe caution when you transfer still images or movies recorded with location data, or log files to a third party or upload them to a network such as the Internet where the public can view them. Make sure to read "Disposing of Data Storage Devices" (□6).

●Notes about measurement functions

The COOLPIX S9900 is a camera. Do not use this camera as a navigation device or measuring instrument.

- Use information (such as direction) measured by the camera as a guideline only. Do not use this information for navigation of an airplane, car, and person or land survey applications.
- When you use the camera for mountain climbing or trekking, make sure to take a map, navigation device, or measuring instrument separately.

●Using the camera overseas

- Before taking the camera with location data functions overseas for travel, consult your travel agency or embassy of the country you are visiting to confirm whether there is any restriction on use. For example, you cannot record location data logs without permission from the government in China. Set **Record location data** to **Off**.
- The location data may not function properly in China and on the borders between China and neighboring countries (as of December 2014).

Wi-Fi (Wireless LAN Network)

This product is controlled by the United States Export Administration Regulations, and you are required to obtain permission from the United States government if you export or re-export this product to any country to which the United States embargoes goods. The following countries were subject to embargo: Cuba, Iran, North Korea, Sudan, and Syria. Since the target countries are subject to change, please contact the United States Department of Commerce for the latest information.

Restrictions on Wireless Devices

The wireless transceiver included in this product conforms to wireless regulations in the country of sale and is not for use in other countries (products purchased in the EU or EFTA can be used anywhere within the EU and EFTA). Nikon does not accept liability for use in other countries. Users who are unsure as to the original country of sale should consult with their local Nikon service center or Nikon-authorized service representative. This restriction applies to wireless operation only and not to any other use of the product.

Notice for Customers in the U.S.A. and Canada

Federal Communications Commission (FCC) and Industry of Canada (IC)

Declaration of Conformity

This device complies with Part 15 of FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

FCC/IC RF Exposure Statement

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research.

COOLPIX S9900, which is equipped with a DW092 (FCC ID:EW4DW092 / IC ID:4634A-3149EC) Wireless LAN Module, has been tested and found to comply with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. Please refer to the SAR test report that was uploaded to FCC website.

Declaration of Conformity (Europe)

Hereby, Nikon Corporation, declares that COOLPIX S9900 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The declaration of conformity may be consulted at http://imaging.nikon.com/support/pdf/DoC_S9900.pdf.

Precautions when Using Radio Transmissions

Always keep in mind that radio transmission or reception of data is subject to interception by third parties. Note that Nikon is not responsible for data or information leaks that may occur during data transfer.

Personal Information Management and Disclaimer

- User information registered and configured on the product, including wireless LAN connection settings and other personal information, is susceptible to alteration and loss resulting from operational error, static electricity, accident, malfunction, repair or other handling. Always keep separate copies of important information. Nikon is not responsible for any direct or indirect damages or lost profits resulting from alteration or loss of content that is not attributable to Nikon.
- Before discarding this product or transferring it to another owner, perform **Reset all** in the setup menu ($\square$22) to delete all user information registered and configured with the product, including wireless LAN connection settings and other personal information.

Please visit the Nikon website below to download the *Reference Manual* in English.

संदर्भ मैनुअल को हिंदी में डाउनलोड करने के लिए नीचे दी गई Nikon वेबसाइट पर जाएँ।

http://nikonimglib.com/manual/