

# Nikon

DIGITAL CAMERA

# COOLPIX W300

## Quick Start Guide

Introduction	ii
Parts of the Camera	1
Getting Started	2
Basic Shooting and Playback Operations	9
Other Functions	15
Technical Notes	21

En

- Read this manual thoroughly before using the camera.
- To ensure proper use of the camera, be sure to read "For Your Safety" (page vi) and "<Important> Notes About Shockproof, Waterproof, and Dustproof Performance and Condensation" (page ix).
- After reading this manual, keep it in a readily accessible place for future reference.

# Introduction

## Read This First

Thank you for purchasing the Nikon COOLPIX W300 digital camera.

### Downloading the “Reference Manual”

The Reference Manual (PDF format) provides details in various languages on how to use this product. Download the Reference Manual from our Download Center at the URL below and save it on your smart device or computer for reference.

- The Reference Manual can be viewed using Adobe Acrobat Reader (downloadable from the Adobe website) or iBooks (an iOS app).

### Downloading Nikon Software

#### For Computer

Download the software from our Download Center at the URL below.

- ViewNX-i: This software enables you to transfer images and movies to your computer for viewing and editing.

#### For Smart Device

- SnapBridge: When you establish a wireless connection, this app enables you to upload images and movies to your smart device. See the included “SnapBridge Connection Guide” for information on how to download the app and establish a connection.

### Visit Our Download Center

<http://downloadcenter.nikonimglib.com>

Visit our website to download manuals for Nikon imaging products, computer software, or firmware.



# Nikon User Support

Should you need technical support, we offer a number of options.

## Internet

For customers in the United States: [www.nikonusa.com](http://www.nikonusa.com)

For customers in Canada: [www.nikon.ca](http://www.nikon.ca) (English), [fr.nikon.ca](http://fr.nikon.ca) (Français)

For customers in Mexico: [www.nikon.com.mx](http://www.nikon.com.mx)

For customers in Brazil: [www.nikon.com.br](http://www.nikon.com.br)

## Telephone

For customers in the United States: **1-800-NIKON-US (1-800-645-6687)**

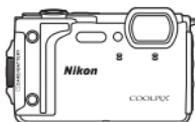
For customers in Canada: **1-877-534-9910**

For customers in Mexico: **001-888-565-5452**

For customers in Brazil: **0800-886-4566 (0800-88 NIKON)**

## Confirming the Package Contents

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



COOLPIX W300  
Digital Camera



Camera strap for land use



EN-EL12 Rechargeable  
Li-ion Battery



EH-73P Charging AC  
Adapter<sup>1</sup>



UC-E21 USB Cable



Brush<sup>2</sup>

Quick Start Guide (this  
manual)

SnapBridge  
Connection Guide

Warranty

1 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 (📖5).

2 The brush is used for cleaning the waterproof packing.

### NOTE:

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

# 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/>

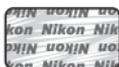
## Use Only Nikon Brand Electronic Accessories

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.
- Illustrations and screen content shown in this manual may differ from the actual product.
- 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).

## Comply with Copyright Notices

Under copyright law, photographs or recordings of copyrighted works made with the camera can not be used without the permission of the copyright holder. Exceptions apply to personal use, but note that even personal use may be restricted in the case of photographs or recordings of exhibits or live performances.

## 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, make sure to reset all of the camera's settings in **Reset all** in the setup menu (📖19). After resetting, erase all data in the device using commercial deletion software, or format the device in **Format memory** or **Format card** in the setup menu (📖19), 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 memory cards.

For the COOLPIX W300, 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 all logs** → **Erase logs**.

## Conformity Marking

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

Press the **MENU** button → **Y** menu icon → **Conformity marking** → **OK** button

## For Your Safety

To prevent damage to property or injury to yourself or to others, read "For Your Safety" in its entirety before using this product.

Keep these safety instructions where all those who use this product will read them.



### DANGER

Failure to observe the precautions marked with this icon carries a high risk of death or severe injury.



### WARNING

Failure to observe the precautions marked with this icon could result in death or severe injury.



### CAUTION

Failure to observe the precautions marked with this icon could result in injury or property damage.



### WARNING

- **Do not use while walking or operating a vehicle.** Failure to observe this precaution could result in accidents or other injury.
- **Do not disassemble or modify this product. Do not touch internal parts that become exposed as the result of a fall or other accident.** Failure to observe these precautions could result in electric shock or other injury.
- **Should you notice any abnormalities such as the product producing smoke, heat, or unusual odors, immediately disconnect the battery or power source.** Continued operation could result in fire, burns or other injury.
- **Do not handle the plug with wet hands.** Failure to observe this precaution could result in fire or electric shock.
- **Do not let your skin remain in prolonged contact with this product while it is on or plugged in.** Failure to observe this precaution could result in low-temperature burns.
- **Do not use this product in the presence of flammable dust or gas such as propane, gasoline or aerosols.** Failure to observe this precaution could result in explosion or fire.
- **Do not aim the flash, AF-assist illuminator, LED light, or movie light at the operator of a motor vehicle.** Failure to observe this precaution could result in accidents.

- **Keep this product out of reach of children.** Failure to observe this precaution could result in injury or product malfunction. In addition, note that small parts constitute a choking hazard. Should a child swallow any part of this product, seek immediate medical attention.
- **Do not entangle, wrap or twist the straps around your neck.** Failure to observe this precaution could result in accidents.
- **Do not use batteries, chargers, AC adapters, or USB cables not specifically designated for use with this product. When using batteries, chargers, AC adapters, and USB cables designated for use with this product, do not:**
  - **Damage, modify, forcibly tug or bend the cords or cables, place them under heavy objects, or expose them to heat or flame.**
  - **Use travel converters or adapters designed to convert from one voltage to another or with DC-to-AC inverters.**Failure to observe these precautions could result in fire or electric shock.
- **Do not handle the plug when charging the product or using the AC adapter during thunderstorms.** Failure to observe this precaution could result in electric shock.
- **Do not handle with bare hands in locations exposed to extremely high or low temperatures.** Failure to observe this precaution could result in burns or frostbite.



## CAUTION

- **Do not leave the lens pointed at the sun or other strong light sources.** Light focused by the lens could cause fire or damage to product's internal parts. When shooting backlit subjects, keep the sun well out of the frame.
- **Turn this product off when its use is prohibited. Disable the record location data functions. End log recording. Disable wireless features when the use of wireless equipment is prohibited.** The radio-frequency emissions produced by this product could interfere with equipment onboard aircraft or in hospitals or other medical facilities.
- **Remove the battery and disconnect the AC adapter if this product will not be used for an extended period.** Failure to observe this precaution could result in fire or product malfunction.
- **Do not fire the flash in contact with or in close proximity to the skin or objects.** Failure to observe this precaution could result in burns or fire.
- **Do not look directly into the AF-assist illuminator, LED light, or movie light.** This could damage the eyes or result in visual impairment.

- **Do not leave the product where it will be exposed to extremely high temperatures, for an extended period such as in an enclosed automobile or in direct sunlight.** Failure to observe this precaution could result in fire or product malfunction.
- 



## DANGER for Batteries

- **Do not mishandle batteries.** Failure to observe the following precautions could result in the batteries leaking, overheating, rupturing, or catching fire:
    - Use only rechargeable batteries approved for use in this product.
    - Do not expose batteries to flame or excessive heat.
    - Do not disassemble.
    - Do not short-circuit the terminals by touching them to necklaces, hairpins, or other metal objects.
    - Do not expose batteries or the products in which they are inserted to powerful physical shocks.
  - **Recharge batteries using the specified method.** Failure to observe this precaution could result in the batteries leaking, overheating, rupturing, or catching fire.
  - **If battery liquid comes into contact with the eyes, rinse with plenty of clean water and seek immediate medical attention.** Delaying action could result in eye injuries.
- 



## WARNING for Batteries

- **Keep batteries out of reach of children.** Should a child swallow a battery, seek immediate medical attention.
  - **Do not immerse this product in water or expose to rain.** Failure to observe this precaution could result in fire or product malfunction. Immediately dry the product with a towel or similar object should it become wet.
  - **Discontinue use immediately should you notice any changes in the battery, such as discoloration or deformation. Cease charging if they do not charge in the specified period of time.** Failure to observe these precautions could result in the battery leaking, overheating, rupturing, or catching fire.
  - **Prior to disposal, insulate battery terminals with tape.** Overheating, rupture, or fire may result should metal objects come into contact with the terminals. Recycle or dispose of batteries in accord with local regulations.
  - **If battery liquid comes into contact with a person's skin or clothing, immediately rinse the affected area with plenty of clean water.** Failure to observe this precaution could result in skin irritation.
-

## <Important> Notes About Shockproof, Waterproof, and Dustproof Performance and Condensation

- The shockproof, waterproof, and dustproof performance described here do not guarantee that the camera will remain completely waterproof or free from damage and trouble under all conditions.
- Do not subject the camera to excessive shock, vibration or pressure by dropping it, hitting it, or placing a heavy object on it. Failure to observe this precaution could deform the camera, cause water to seep inside, or damage the airtight seals, resulting in camera malfunction.
- Your Nikon warranty may not cover troubles caused by water seeping inside the camera due to improper handling of the camera.

### Notes About Shockproof Performance

This camera has passed Nikon's in-house test (drop test from a height of 240 cm (7 ft 10 in.) on a 5 cm (2 in.) thick plywood panel) compliant with the MIL-STD 810F Method 516.5-Shock\* standard.

Changes in appearance, such as paint peeling off and deformation of the camera, are not measured in Nikon's in-house test.

\* U.S. Department of Defense test method standard.

This test is defined by preparing 5 cameras and making sure that the test is passed within 5 cameras by dropping in 26 directions (8 corners, 12 edges, and 6 faces) from a height of 122 cm (4 ft).

### Notes About Waterproof and Dustproof Performance

The camera is rated equivalent to JIS/IEC waterproof class 8 (IPX8) and JIS/IEC dustproof class 6 (IP6X) and can shoot images underwater at a depth of 30 m (100 ft) for up to 60 minutes.\*

\* This rating indicates that the camera has been designed to withstand the specified water pressure for the specified period of time when the camera is used according to the methods defined by Nikon.

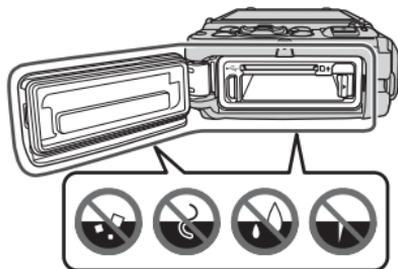
- The waterproof performance of this camera was tested in fresh water (swimming pools, rivers, and lakes) and salt water only.
- The inner portion of this camera is not waterproof. Water seeping inside the camera could cause the components to rust, resulting in high repair costs or irreparable damage.
- Accessories are not waterproof.

### Precautions When Cleaning

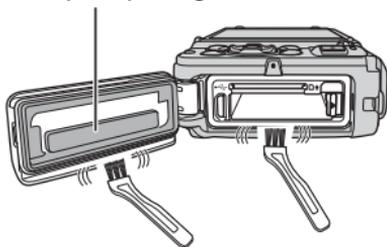
- Do not puncture the microphone or speaker openings with a sharp implement. If the inside of the camera is damaged, the waterproof performance will deteriorate.
- Do not use soap, neutral detergents, or chemicals such as benzene for cleaning.

## Notes About Shockproof, Waterproof, and Dustproof Performance

- Do not drop the camera, strike it against a hard object such as a rock, or throw it against a water surface.
- Do not subject the camera to shock when using it underwater.
  - Do not subject the camera to water pressure by exposing it to rapids or waterfalls.
  - Do not expose to depths greater than 30 m (100 ft) underwater.
  - Make sure not to drop the camera underwater. This camera does not float in water.
- Do not continuously use the camera underwater for 60 minutes or more.
- Do not insert a wet memory card or battery in the camera.
  - Do not open the battery-chamber/memory card slot cover when the camera or your hands are wet. Doing so may cause water to seep inside the camera or result in camera malfunction.
- Do not open the battery-chamber/memory card slot cover underwater.
- If moisture such as water droplets adheres to the outside of the camera or inside of the battery-chamber/memory card slot cover, immediately wipe it off with a soft dry cloth.
  - If a foreign substance adheres to the outside of the camera or inside of the battery-chamber/memory card slot cover, immediately remove it with a blower or a soft cloth.
  - If a foreign substance adheres to the waterproof packing inside the battery-chamber/memory card slot cover, remove it with the included brush. Do not use the included brush for anything other than cleaning the waterproof packing.
- Do not leave the camera in cold conditions or in hot conditions of 40°C (104°F) or more for a long period of time.
  - Doing so could cause deterioration of the waterproof performance.
  - When using the camera underwater, make sure the water temperature is from 0°C to 40°C (32°F to 104°F).
- Do not use the camera at hot springs.



Waterproof packing



## Before Using the Camera Underwater

Check the items below before using the camera underwater.

- Remove the camera strap for land use.
- Make sure that there are no foreign substances inside the battery-chamber/memory card slot cover.
- Make sure that the waterproof packing of the battery-chamber/memory card slot cover is not cracked or deformed.
  - Make sure that the waterproof packing is not detached from the camera.
- Make sure that the battery-chamber/memory card slot cover is firmly closed.
  - Make sure that the latch indicator indicates the "Close" status.

## Notes About Operating Temperature, Humidity, and Condensation

The operation of this camera has been tested at temperatures from  $-10^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$  ( $14^{\circ}\text{F}$  to  $104^{\circ}\text{F}$ ).

When you use the camera in cold climate regions or at high altitudes, observe the following precautions.

- Battery performance deteriorates temporarily when cold. Keep the camera and batteries warm under your clothing before use.
- Camera performance may deteriorate temporarily if it is exposed to extreme cold for an extended period. For example, the monitor may appear darker than normal immediately after the camera is turned on, or residual images may be produced.

### ● Environmental conditions that are likely to cause condensation

Fogging (condensation) may occur on the inside of the monitor or lens when there are sharp temperature changes or high humidity, such as in the environmental conditions described below. This is not a camera malfunction or defect.

- The camera is suddenly immersed in cold water after being in a hot place on land.
- The camera is brought to a warm place such as inside a building after being in the cold outdoors.
- The battery-chamber/memory card slot cover is opened or closed in a high-humidity environment.

### ● Reducing condensation

- Open the battery-chamber/memory card slot cover, put the camera and a commercially-available desiccant in a container such as a plastic bag, and seal the container. Condensation is less likely to occur if the humidity inside the camera is reduced.
- Before using the camera underwater, avoid storing it in locations where the camera may become hot (such as under direct sunlight).  
If you submerge the camera underwater while it is hot, the sudden change in temperature may cause condensation.

### ● **Clearing the fogging**

- Turn off the camera and open the battery-chamber/memory card slot cover while in a place where the ambient temperature is stable (avoid places with high temperature, high humidity, sand, or dust).

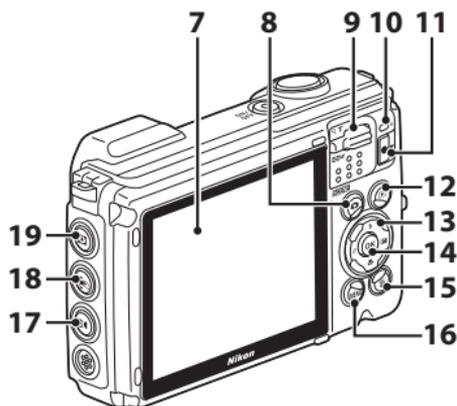
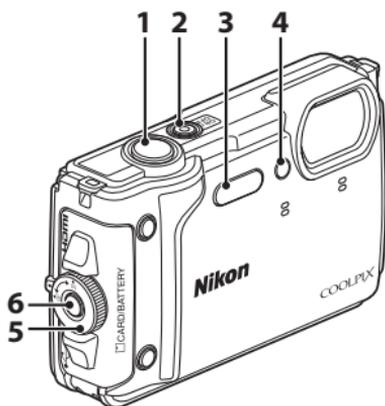
To clear the fogging, remove the battery and memory card, and leave the battery-chamber/memory card slot cover open to allow the camera to adjust to the ambient temperature.

## **Inspection and Repair**

- If the camera is exposed to shock, it is recommended to consult your retailer or Nikon-authorized service representative to confirm the waterproof performance (charged service).
- If the waterproof packing begins to deteriorate, consult your retailer or Nikon-authorized service representative. The waterproof performance of the waterproof packing may start to deteriorate after one year.
- If water seeps inside the camera, immediately stop using it and take it to your Nikon-authorized service representative.

# Parts of the Camera

## The Camera Body



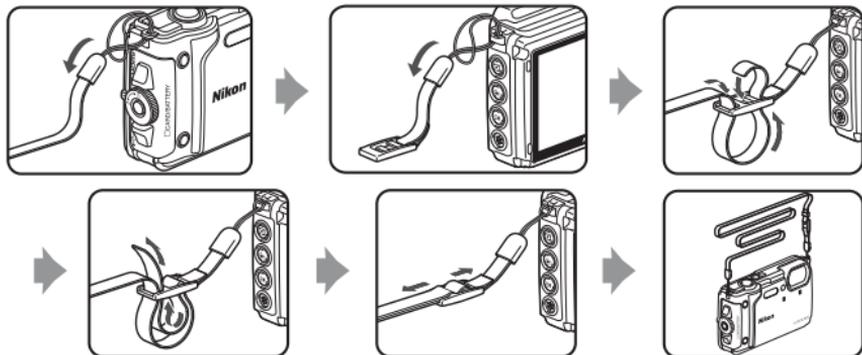
- |          |  |           |                            |
|----------|--|-----------|----------------------------|
| <b>1</b> | Shutter-release button   | <b>9</b>  | Zoom control               |
| <b>2</b> | Power switch/power-on lamp   | <b>10</b> | Charge lamp<br>Flash lamp  |
| <b>3</b> | Flash  | <b>11</b> | ● (▶ movie-record) button  |
| <b>4</b> | LED light<br>Self-timer lamp<br>AF-assist illuminator<br>Movie light | <b>12</b> | ▶ (playback) button        |
| <b>5</b> | Battery-chamber/memory card slot<br>cover latch                      | <b>13</b> | Multi selector*            |
| <b>6</b> | Battery-chamber/memory card slot<br>cover latch release              | <b>14</b> | ⊙ (apply selection) button |
| <b>7</b> | Monitor  | <b>15</b> | 🗑 (delete) button          |
| <b>8</b> | 📷 (shooting mode) button   | <b>16</b> | MENU (menu) button         |
|          |  | <b>17</b> | ☾ (LED light) button       |
|          |  | <b>18</b> | 👉 (action) button          |
|          |  | <b>19</b> | 🔧 (tool) button            |

\* In this manual, pressing up, down, left, or right on the multi selector is expressed as ▲, ▼, ◀, or ▶.

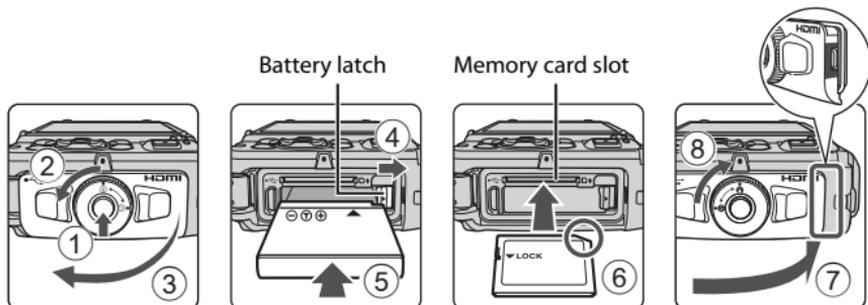
# Getting Started

## How to Attach the Camera Strap for Land Use

Remove the strap for land use before using the camera underwater.



## Inserting the Battery and Memory Card



- Press the battery-chamber/memory card slot cover latch release (1) and rotate the battery-chamber/memory card slot cover latch (2) to open the cover (3).
- With the battery's positive and negative terminals oriented correctly, move the orange battery latch (4), and fully insert the battery (5).
- Slide the memory card in until it clicks into place (6).
- Be careful not to insert the battery or memory card upside-down or backward, as this could cause a malfunction.
- Close the battery-chamber/memory card slot cover (7) and, while pressing it firmly against the camera so that the red portion on the side of the cover is hidden, rotate the battery-chamber/memory card slot cover latch until it clicks into place (8).

Make sure that the cover is securely locked.

- If the write-protect switch of the memory card is locked, you cannot shoot, delete images, or format the memory card.
- Camera data, including images and movies, can be saved either on a memory card or in the internal memory. To use the internal memory, remove the memory card.

### ✓ Notes About Waterproof and Dustproof Performance

See "Notes About Shockproof, Waterproof, and Dustproof Performance" (📖x) for more information.

### ✓ Notes About Closing the Cover without Getting the Camera Strap's Cord Caught

If the camera strap's cord gets caught in the battery-chamber/memory card slot cover when it is closed, the cover could be damaged. Before closing the battery-chamber/memory card slot cover, make sure that the cord does not get caught in it.

## **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.

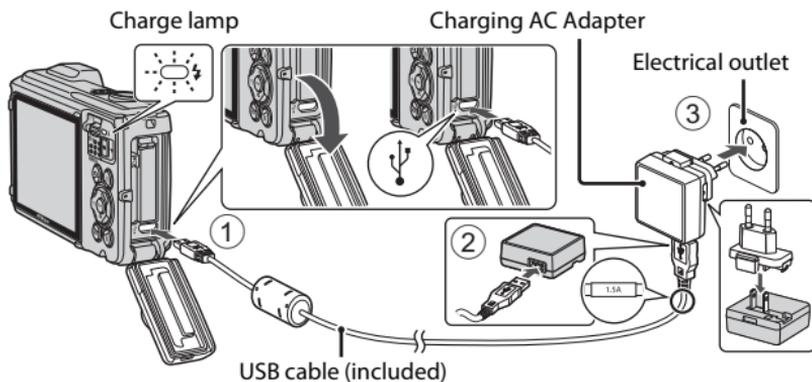
- **Note that formatting a memory card permanently deletes all images and other data on the memory card.** Be sure to make copies of any images you wish to keep before formatting the memory card.
- Insert the memory card into the camera, press the **MENU** button, and select **Format card** in the setup menu (📖19).

## **Removing the Battery or Memory Card**

Turn the camera off and make sure that the power-on lamp and screen 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 be hot.

## Charging the Battery



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.

- Charging starts when the camera is connected to an electrical outlet while the battery is inserted, as shown in the illustration. The charge lamp slowly flashes while the battery is charging.
- When charging is complete, the charge lamp turns off. Unplug the Charging AC Adapter from the electrical outlet, and disconnect the USB cable.  
Charging time is about 2 hours and 20 minutes for a fully exhausted battery.
- The battery cannot be charged when the charge lamp quickly flashes, 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.

### **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.
- Check the shape and direction of the plugs and do not insert or remove the plugs at an angle.

### **Notes About Charging the Battery**

- The camera can be operated while the battery is charging, but the charging time increases.
- If the battery level is extremely low, you may not be able to operate the camera while the battery is charging.
- Do not, under any circumstances, use another make or model of AC adapter other than the EH-73P 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.

# Camera Setup

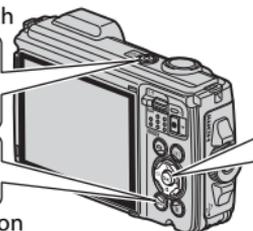
## 1 Press the power switch to turn on the camera.

- Use the multi selector to select and adjust settings.

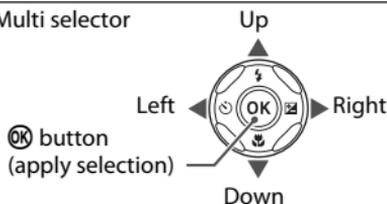
Power switch



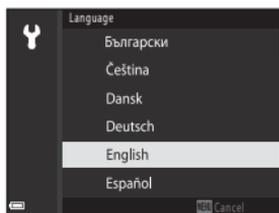
MENU button



Multi selector



- A language selection screen will be displayed. Use the multi selector ▲▼ to highlight a language and press the OK button to select.
- The language can be changed at any time in the setup menu (📖19) → **Language**.



## 2 When the dialog on the right is displayed, follow the instructions below and press the MENU button or the OK button.

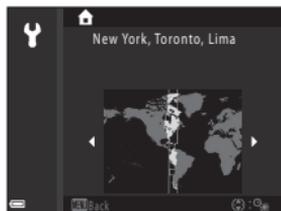
- If you will not establish a wireless connection with a smart device:  
Press the MENU button and proceed to step 3.
- If you will establish a wireless connection with a smart device:  
Press the OK button. See the included “SnapBridge Connection Guide” for the setup procedure.  
When you establish a wireless connection using the SnapBridge app, you can upload images captured with the camera to a smart device or perform remote photography.



## 3 Use ▲▼ to select Yes when prompted to set the camera clock, and then press the OK button.

#### 4 Highlight your home time zone and press the **OK** button.

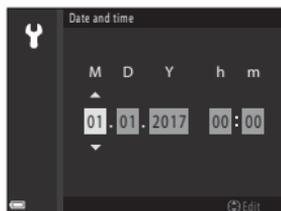
- You can set daylight saving time by pressing ▲. When it is turned on, the clock is set one hour faster and ☀️ is displayed above the map. Press ▼ to turn it off.



#### 5 Use ▲▼ to select the date format and press the **OK** button.

#### 6 Enter the current date and time and press the **OK** button.

- Use ◀▶ to highlight items and ▲▼ to change.
- Select the minute field and press the **OK** button to confirm the setting.



#### 7 When the confirmation dialog is displayed, select **Yes** and press the **OK** button.

- You can change the time zone, date, and time using the setup menu (📖19) → **Time zone and date**.

#### 8 Read the message about the waterproof function, and press ▶.

- Confirm the last message and press the **OK** button. The camera switches to the shooting screen when setup is complete.
- Waterproofing-related messages are displayed in the following situations.
  - When turning on and setting the camera for the first time after purchase
  - When setting the camera to **Underwater** scene mode
  - When turning the camera on after charging

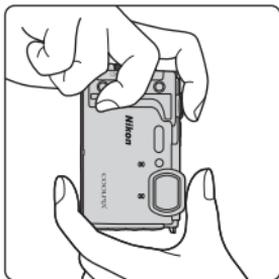
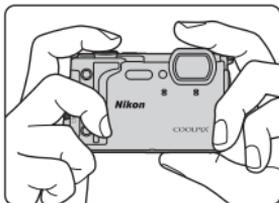
# Basic Shooting and Playback Operations

## Shooting Images

**SCENE** (scene auto selector) mode is used here as an example. In **SCENE** (scene auto selector) mode, the camera recognizes the shooting conditions when you frame a picture, and you can take pictures in accordance with the conditions.

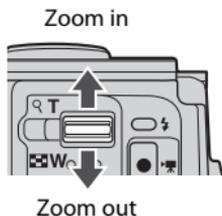
### 1 Hold the camera steady.

- Keep fingers and other objects away from the lens, flash, AF-assist illuminator, microphone, and speaker.
- When taking pictures in portrait (“tall”) orientation, turn the camera so that the flash is above the lens.



### 2 Frame the picture.

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



- When the camera recognizes the shooting conditions, the shooting mode icon changes accordingly.
- 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.

### Shooting mode icon

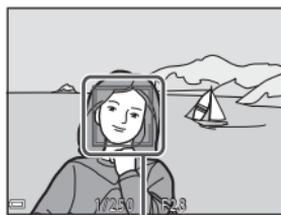
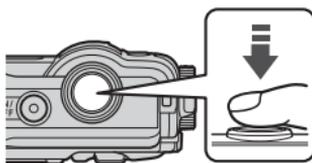


### Battery level indicator

Number of exposures remaining

## 3 Press the shutter-release button halfway.

- To press the shutter-release button “halfway” means to press and hold the button at the point where you feel a slight resistance.
- 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.



Focus area

## 4 Without lifting your finger, press the shutter-release button all the way down.



### Notes About Saving Images or Movies

The indicator showing the number of exposures remaining or the indicator showing the 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 screen 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 screen back on while the camera is in standby mode, perform an operation such as pressing the power switch or shutter-release button.

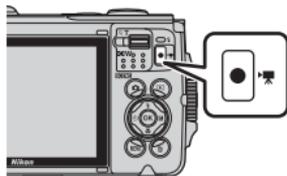
## When Using a Tripod

- We recommend using a tripod to stabilize the camera in the following situations:
  - When shooting in dim lighting with the flash mode (📖16) 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 (📖19) to prevent potential errors caused by this function.

## Recording Movies

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

- If the battery temperature becomes low, the image size/frame rate of movies may be restricted. Warm up the battery with your palms, etc. before use.



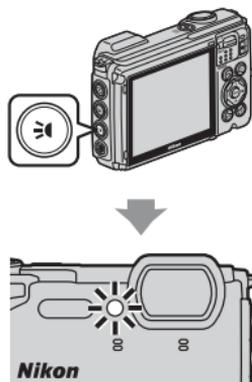
## Using the LED Light

Use the LED light in dark places, etc.

Press and hold down the  (LED light) button to turn on an LED light. To turn it off, press the  button.

You can also use the LED light when the camera is turned off.

- Use **LED light timer** in the setup menu (📖19) to set the amount of time that elapses before the LED light turns off.



# Playing Back Images

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

- If you press and hold down the  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.
- To play back a recorded movie, press the  button.
- To return to shooting mode, press the  button or shutter-release button.

Display the previous image



Display the next image

- When  is displayed in full-frame playback mode, you can press the  button to apply an effect to the image.



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



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



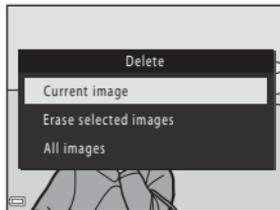
## Deleting Images

- 1 Press the  (delete) button to delete the image currently displayed on the screen.



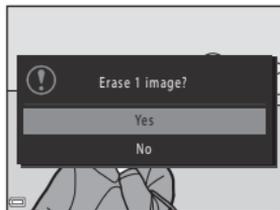
- 2 Use the multi selector   to select the desired deletion method and press the  button.

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



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

- Deleted images cannot be recovered.



### Deleting Images Captured Continuously (Sequence)

- Images captured continuously, or with the multiple exp. lighten, creative mode, or self-collage function, are saved as a sequence, and only one image in the sequence (the key picture) is displayed in playback mode (default setting).
- If you press the  button while a key picture is displayed for a sequence of images, all images in the sequence are deleted.
- 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.

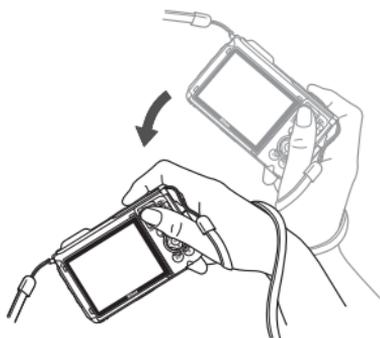
## Action Control

The operations described below can be performed by shaking the camera.

### Displaying the Previous or Next Image in Full-frame Playback Mode

In full-frame playback mode, shake the camera up/down to display the next image, or forward/backward to display the previous image (when **Playback action control** in the setup menu (19) is set to **On**).

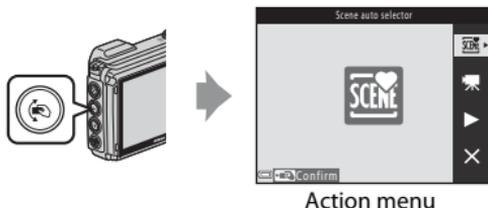
- Make sure to hold the camera firmly with the camera strap around your hand, and use your wrist to shake the camera as shown in the illustration.



### Using Action Menu

Press the  (action) button to display the action menu.

- Shake the camera to select an option listed below, and press the  button to perform the operation.



Option	Description
Shooting mode selection	Select a shooting mode (only restricted to some shooting modes).
 Start movie recording	Press the  button to record/end a movie. The  (movie-record) button cannot be used to end recording.
 Quick playback	Display an image in full-frame playback mode. You can use action control to play back images.
 Exit	Exit the action menu.

While the action menu is displayed, only the  button, shutter-release button, power switch, or  (LED light) button can be used.

# Other Functions

## Selecting a Shooting Mode

The shooting modes described below are available.

- **SCENE Scene auto selector**

The camera recognizes the shooting conditions when you frame a picture, and you can take pictures in accordance with those conditions.

- **Scene mode**

Select any one of scene modes based on the shooting conditions, and you can take pictures with the appropriate settings for those conditions.

- **CC Creative mode**

The camera saves four images with effects and one image without effects simultaneously in one shot.

- **Smart portrait**

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

- **Short movie show**

The camera creates a short movie that is up to 30 seconds long (1080p 1080/30p or 1080p 1080/25p) by recording and automatically combining multiple movie clips that are several seconds long.

- **Auto mode**

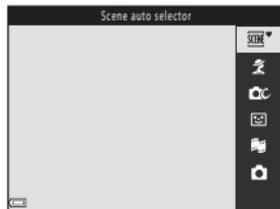
Select this mode to perform general shooting in a variety of shooting conditions.

- 1 When the shooting screen is displayed, press the  (shooting mode) button.



- 2 Use the multi selector   to select a shooting mode and press the  button.

- When scene mode is selected, press  to select a scene mode or effect before pressing the  button.



## Help Display

The descriptions of functions are displayed while changing the shooting mode or while the setting screen is displayed.

You can show or hide the descriptions using **Help display** in **Monitor settings** in the setup menu.

## Setting Shooting Functions with the Multi Selector

When the shooting screen is displayed, you can press the multi selector **▲** (⚡) **◀** (⌚) **▼** (🌸) **▶** (📷) to set the functions described below.



- **⚡ Flash mode**  
The flash mode can be set according to shooting conditions.
- **⌚ Self-timer, Self-portrait timer**  
The camera releases the shutter when the set number of seconds elapses after you press the shutter-release button.
- **🌸 Macro mode**  
Use macro mode when you take close-up pictures.
- **📷 Exposure compensation**  
You can adjust overall image brightness.

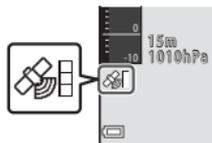
The functions that can be set vary depending on the shooting mode.

# Operations Available with Location Data Functions

When **Use built-in location data** in **Location data options** in the  (location data options) menu (19) is set to **On**, the camera starts receiving signals from the 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 location data is being obtained.
- : Signals are being received, but location data cannot be obtained.
- : Signals are not received.



## Recording the Shooting Location Data on the Image

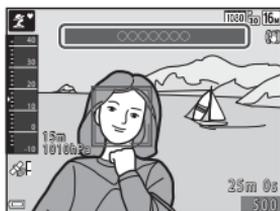
- When shooting while positioning is being performed, the obtained location data (latitude and longitude) are recorded on the images to be shot.
- The recorded location data can be checked on a map by using ViewNX-i after transferring images to a computer.
- When **Compass display** in **Electronic compass** in the location data options menu is set to **On**, the approximate direction of shooting is also recorded.

## Recording the Log

- When selecting **Start all logs** in **Create log** in the location data options menu, while positioning is being performed, the location data, altitude, and water depth data of places you visit with the camera is recorded at the certain interval.
- Recorded logs (movement information such as location data, altitude, or water depth) can be saved on a memory card by selecting **Create log** to stop recording and then selecting **Save logs**.
- You can view location logs saved on the memory card by using software that can display log data such as ViewNX-i.
- The altitude and water depth logs saved on the memory card can be displayed as a graph by selecting **Altitude/depth logs** in **View log** in the location data options menu.
- You can check the graphs of the currently recording altitude and water depth logs on the active guide (18).

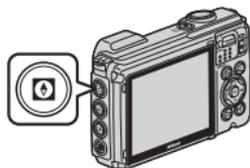
## Displaying POI Information

- When **Embed POI** in **Points of interest (POI)** in the location data options menu is set to **On** while the camera is positioning, the nearest location name information for the current position is also recorded on the images to be captured.
- When **Display POI** in the location data options menu is set to **On** while the camera is positioning, the nearest location name information for the current position is displayed on the shooting screen and active guide, and the location name information recorded on the image is displayed on the playback screen.



## Displaying the Active Guide

Press the  (tool) button to display the active guide, which allows you to check location data that is currently being obtained.



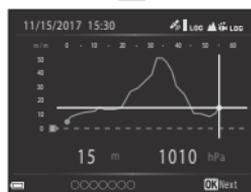
You can switch the displayed information by pressing the  button while the active guide is displayed.



Location data display



Altitude display or water depth display<sup>1</sup>



Altitude log display or water depth log display<sup>2</sup>

- <sup>1</sup> Water depth is displayed when using **Underwater** scene mode or when the camera detects that it is underwater.
- <sup>2</sup> A graph of the altitude log or water depth log currently being recorded is displayed. When the camera detects that it is underwater, a graph of the water depth log is displayed. When the altitude log or water depth log is not being recorded, a graph is not displayed.

- To exit the active guide, press the  button.
- To switch to shooting mode from the active guide, press the shutter-release button,  button, or  button.

# Menu Operations

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

-  **Shooting menu**<sup>1,2</sup>
-  **Movie menu**<sup>1</sup>
-  **Playback menu**<sup>3,4</sup>
-  **Network menu**
-  **Location data options menu**
-  **Setup menu**

<sup>1</sup> Press the **MENU** button when the shooting screen is displayed.

<sup>2</sup> Menu icons and available setting options vary depending on the shooting mode.

<sup>3</sup> Press the **MENU** button when the playback screen is displayed.

<sup>4</sup> Menu icons and available setting options vary depending on the playback mode.

## 1 Press the **MENU** (menu) button.

- The menu is displayed.



## 2 Press the multi selector .

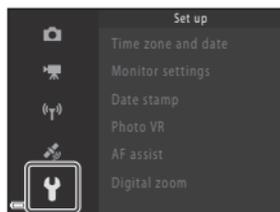
- The current menu icon is displayed in yellow.



Menu icons

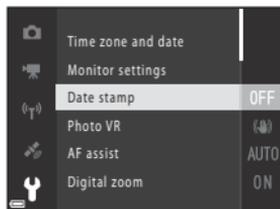
## 3 Select a menu icon and press the **OK** button.

- The menu options become selectable.



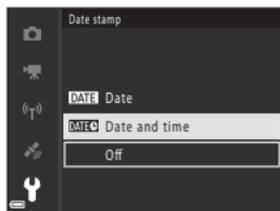
## 4 Select a menu option and press the **OK** button.

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



## 5 Select a setting and press the **OK** 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,  button, or  button.



# Technical Notes

## Notices

### Notices for Customers in the U.S.A.

#### **IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.**

#### **DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS**

For connection to a supply not in the U.S.A., use an attachment plug adapter of the proper configuration for the power outlet if needed.

The power supply unit is intended to be correctly orientated in a vertical or floor mount position.

#### **Federal Communications Commission (FCC) Radio Frequency Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

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

- Reorient or relocate the receiving antenna.
- 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.



**Nikon**

**COOLPIX W300**

## **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

# Notes About Wireless Communication Functions

## 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.

## Security

Although one of the benefits of this product is that it allows others to freely connect for the wireless exchange of data anywhere within its range, the following may occur if security is not enabled:

- Data theft: Malicious third-parties may intercept wireless transmissions to steal user IDs, passwords, and other personal information.
- Unauthorized access: Unauthorized users may gain access to the network and alter data or perform other malicious actions. Note that due to the design of wireless networks, specialized attacks may allow unauthorized access even when security is enabled. Nikon is not responsible for data or information leaks that may occur during data transfer.
- Do not access networks that you are not permitted to use, even if they are displayed on your smartphone or tablet. Doing so may be regarded as unauthorized access. Only access networks that you are permitted to use.

## 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 (📖19) to delete all user information registered and configured with the product, including wireless LAN connection settings and other personal information.
- Nikon is not responsible for any damages resulting from unauthorized use of this product by third parties in the event that the product is stolen or lost.

## **Precautions when Exporting or Carrying This Product Abroad**

This product is controlled by the United States Export Administration Regulations (EAR). The permission of the United States government is not required for export to countries other than the following, which as of this writing are subject to embargo or special controls: Cuba, Iran, North Korea, Sudan, and Syria (list subject to change).

## **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's licence-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### **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. This product 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 and RSS-102 of the IC radio frequency (RF) Exposure rules. Please refer to the SAR test report that was uploaded to FCC website.

# Notes About Location Data Functions (GPS/GLONASS, Electronic Compass)

## Location name data of this camera

Before using the location data functions, make sure to read "USER LICENSE AGREEMENT FOR LOCATION NAME DATA" (📖34) and agree to the terms.

- The location name information (Points of Interest: POI) will not be updated.
- Use the location name information only as a guide.
- The location name information (Points of Interest: POI) of the People's Republic of China ("China") and the Republic of Korea is not provided for the COOLPIX W300.

## Notes about record location data functions and log recording

- When **Use built-in location data** in **Location data options** in the location data options menu is set to **On** or while recording logs, record location data functions and log recording will continue to operate even after the camera is turned off (📖17).
- 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" (📖v).

## Notes about measurement functions

The COOLPIX W300 is a camera. Do not use this camera as a navigation device or measuring instrument.

- Use information (such as direction, altitude and water depth) 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, trekking, or underwater, 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 **Use built-in 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).

## Caring for the Product

Observe the precautions described below in addition to the warnings in “For Your Safety” (📖vi–viii) and “<Important> Notes About Shockproof, Waterproof, and Dustproof Performance and Condensation” (📖ix) 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.

#### 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 the memory card or internal circuitry.

#### Notes About the Monitor

- Monitors (including 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 -10°C (-14°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°C to 25°C (59°F to 77°F). 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-73P 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-73P 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-73P 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

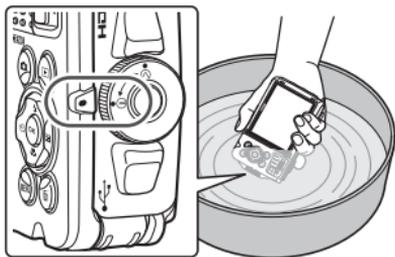
### Cleaning After Using the Camera Underwater

Follow the procedure below to rinse the camera with fresh water within 60 minutes after using it underwater or at the beach.

**1. Keep the battery-chamber/memory card slot cover closed and wash off the camera with fresh water.**

Immerse the camera in a shallow basin filled with fresh water for 10 minutes.

- Immerse the camera in fresh water and shake it sufficiently in the water to remove any foreign substances from the camera.
- When the camera is immersed in the water, a few air bubbles may come out from the water drain holes of the camera such as openings in the microphone or speakers. This is not a malfunction.



**2. Wipe off water droplets with a soft cloth and dry the camera in a well-ventilated and shady place.**

- Place the camera on a dry cloth to dry it.
- Do not dry the camera with hot air from a hair dryer or clothes dryer.

**3. After making sure that there are no water droplets on the camera, open the battery-chamber/memory card slot cover and use a soft dry cloth to gently wipe off any water or sand remaining on the waterproof packing or inside the camera.**

- If the cover is closed when the inside is wet, this could cause condensation or a malfunction.

### Cleaning After Using the Camera in Conditions Other than Underwater

Use a blower to remove any dust or lint that adheres to the lens, monitor, or camera body. To remove fingerprints or other stains that cannot be removed with a blower, gently wipe the parts with a soft dry cloth. If you wipe with too much pressure or with a rough cloth, it may damage the camera or cause a malfunction.

## Storage

If you do not intend to use the camera for an extended period, remove the battery and avoid storing the camera in any of the following types of locations:

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

To prevent mold or mildew, take the camera out of storage at least once a month, and turn it on and release the shutter a few times before putting it away again. Completely exhaust the battery before storing it, and recharge it at least once every six months. Also, place the battery in a container such as plastic bag in order to insulate it, and store it in a cool place.

# 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 (📖ii).

Problem	Cause/Solution	📖
The camera is on but does not respond.	<ul style="list-style-type: none"> <li>• Wait for recording to end.</li> <li>• 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.</li> </ul>	–
The camera cannot be turned on.	<ul style="list-style-type: none"> <li>• The battery is exhausted.</li> <li>• The power switch is enabled a few seconds after the battery is inserted. Wait a few seconds before pressing the power switch.</li> </ul>	3, 5, 27 –
The camera turns off without warning.	<ul style="list-style-type: none"> <li>• The camera automatically turns off to save power (auto off function).</li> <li>• The camera and battery may not work properly at low temperatures.</li> <li>• If the size/frame rate of the movie is set to <b>2160<sup>P</sup> 2160/30p</b> (4K UHD), <b>2160<sup>P</sup> 2160/25p</b> (4K UHD), <b>1080<sup>P</sup> 1080/60p</b>, <b>1080<sup>P</sup> 1080/50p</b>, <b>480<sup>P</sup> HS 480/4x</b>, <b>480<sup>P</sup> HS 480/4x</b>, <b>1080<sup>P</sup> HS 1080/0.5x</b>, or <b>1080<sup>P</sup> HS 1080/0.5x</b> and the battery temperature goes below 0°C (32°F) while recording, the camera stops recording and turns off automatically.</li> <li>• 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.</li> </ul>	11 27 – –
The monitor is blank.	<ul style="list-style-type: none"> <li>• The camera is off.</li> <li>• The camera automatically turns off to save power (auto off function).</li> <li>• The camera is connected to a TV or computer.</li> <li>• The camera is shooting in <b>Time-lapse movie</b> or <b>Multiple exp. Lighten</b> scene mode.</li> </ul>	7 11 – –
The camera becomes hot.	The camera may become hot when used for an extended period of time such as to shoot movies, or when used in a hot environment; this is not a malfunction.	–

## Memory Cards That Can Be Used

The camera supports SD, SDHC, and SDXC memory cards.

- The camera also supports SDHC and SDXC cards compliant with UHS-I.
- Memory cards with an SD Speed Class rating of 6 or faster are recommended for recording movies (when recording 4K UHD movies at an image size/frame rate of  $\frac{2160}{60p}$  **2160/30p** or  $\frac{2160}{50p}$  **2160/25p**, cards rated UHS Speed Class 3 or faster are recommended). When using a memory card with a lower Speed Class rating, movie recording may stop unexpectedly.
- If you use a card reader, make sure that it is compatible with your memory card.
- Contact the manufacturer for information on features, operation, and limitations on use.

---

## Trademark Information

- Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Nikon Corporation is under license.
- Apple®, App Store®, the Apple logos, Mac, OS X, macOS, iPhone®, iPad®, iPod touch® and iBooks are trademarks or registered trademarks of Apple Inc., in the U.S. and other countries.
- Android and Google Play are trademarks or registered trademarks of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.
- iOS is a trademark or registered trademark of Cisco Systems, Inc., in the United States and/or other countries and is used under license.
- Adobe, the Adobe logo, Acrobat, and Reader are either trademarks or registered trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- SDXC, SDHC, and SD Logos are trademarks of SD-3C, LLC.



- PictBridge is a trademark.
- HDMI, HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

## HDMI

- Wi-Fi and the Wi-Fi logo are trademarks or registered trademarks of the Wi-Fi Alliance.

- All other trade names mentioned in this manual or the other documentation provided with your Nikon product are the trademarks or registered trademarks of their respective holders.

“Made for iPod,” “Made for iPhone,” and “Made for iPad” mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

## **AVC Patent Portfolio License**

This product is licensed under the AVC Patent Portfolio License for the personal and non-commercial use of a consumer to (i) encode video in compliance with the AVC standard (“AVC video”) and/or (ii) decode AVC video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed to provide AVC video. No license is granted or shall be implied for any other use.

Additional information may be obtained from MPEG LA, L.L.C.

See <http://www.mpegla.com>.

## **FreeType License (FreeType2)**

- Portions of this software are copyright © 2012 The FreeType Project (<http://www.freetype.org>). All rights reserved.

## **MIT License (HarfBuzz)**

- Portions of this software are copyright © 2017 The HarfBuzz Project (<http://www.freedesktop.org/wiki/Software/HarfBuzz>). All rights reserved.

# USER LICENSE AGREEMENT FOR LOCATION NAME DATA

The location name data that is stored in this digital camera ("Data") is provided for your personal, internal use only and not for resale. It is protected by copyright, and is subject to the following terms and conditions which are agreed to by you, on the one hand, and Nikon Corporation ("Nikon") and its licensors (including their licensors and suppliers) on the other hand.

## Terms and Conditions

Personal Use Only. You agree to use this Data together with this digital camera and the image data taken by the digital camera for the solely personal, non-commercial purposes for which you were licensed, and not for service bureau, time-sharing or other similar purposes. Accordingly, but subject to the restrictions set forth in the following paragraphs, you agree not to otherwise reproduce, copy, modify, decompile, disassemble or reverse engineer any portion of this Data, and may not transfer or distribute it in any form, for any purpose, except to the extent permitted by mandatory laws.

Restrictions. Except where you have been specifically licensed to do so by Nikon, and without limiting the preceding paragraph, you may not (a) use this Data with any products, systems, or applications installed or otherwise connected to or in communication with vehicles, capable of vehicle navigation, positioning, dispatch, real time route guidance, fleet management or similar applications; or (b) with or in communication with any positioning devices or any mobile or wireless-connected electronic or computer devices, including without limitation cellular phones, palmtop and handheld computers, pagers, and personal digital assistants or PDAs.

Warning. The Data may contain inaccurate or incomplete information due to the passage of time, changing circumstances, sources used and the nature of collecting comprehensive geographic data, any of which may lead to incorrect results.

No Warranty. This Data is provided to you "as is," and you agree to use it at your own risk. Nikon and its licensors (and their licensors and suppliers) make no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise, including but not limited to, content, quality, accuracy, completeness, effectiveness, reliability, fitness for a particular purpose, usefulness, use or results to be obtained from this Data, or that the Data or server will be uninterrupted or error-free.

Disclaimer of Warranty: NIKON AND ITS LICENSORS (INCLUDING THEIR LICENSORS AND SUPPLIERS) DISCLAIM ANY WARRANTIES, EXPRESS OR IMPLIED, OF QUALITY, PERFORMANCE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. Some States, Territories and Countries do not allow certain warranty exclusions, so to that extent the above exclusion may not apply to you.

Disclaimer of Liability: NIKON AND ITS LICENSORS (INCLUDING THEIR LICENSORS AND SUPPLIERS) SHALL NOT BE LIABLE TO YOU: IN RESPECT OF ANY CLAIM, DEMAND OR ACTION, IRRESPECTIVE OF THE NATURE OF THE CAUSE OF THE CLAIM, DEMAND OR ACTION ALLEGING ANY LOSS, INJURY OR DAMAGES, DIRECT OR INDIRECT, WHICH MAY RESULT FROM THE USE OR POSSESSION OF THE INFORMATION; OR FOR ANY LOSS OF PROFIT, REVENUE, CONTRACTS OR SAVINGS, OR ANY OTHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF YOUR USE OF OR INABILITY TO USE THIS INFORMATION, ANY DEFECT IN THE INFORMATION, OR THE BREACH OF THESE TERMS OR CONDITIONS, WHETHER IN AN ACTION IN CONTRACT OR TORT OR BASED ON A WARRANTY, EVEN IF NIKON OR ITS LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some States, Territories and Countries do not allow certain liability exclusions or damages limitations, so to that extent the above may not apply to you.

Export Control. You agree not to export from anywhere any part of the Data or any direct product thereof except in compliance with, and with all licenses and approvals required under, applicable export laws, rules and regulations, including but not limited to the laws, rules and regulations administered by the Office of Foreign Assets Control of the U.S. Department of Commerce and the Bureau of Industry and Security of the U.S. Department of Commerce. To the extent that any such export laws, rules or regulations prohibit Nikon and its licensors from complying with any of its obligations hereunder to deliver or distribute Data, such failure shall be excused and shall not constitute a breach of this Agreement.

Entire Agreement. These terms and conditions constitute the entire agreement between Nikon (and its licensors, including their licensors and suppliers) and you pertaining to the subject matter hereof, and supersedes in their entirety any and all written or oral agreements previously existing between us with respect to such subject matter.

Governing Law. The above terms and conditions shall be governed by the laws of the Japan, without giving effect to (i) its conflict of laws provisions, or (ii) the United Nations Convention for Contracts for the International Sale of Goods, which is explicitly excluded; provided that in the event that the laws of the Japan is not deemed applicable to this Agreement for any reason in the country where you obtained the Data, this Agreement shall be governed with the laws of the country where you obtained the Data. You agree to submit to the jurisdiction of Japan for any and all disputes, claims and actions arising from or in connection with the Data provided to you hereunder.

Government End Users. If the Data supplied by HERE is being acquired by or on behalf of the United States government or any other entity seeking or applying rights similar to those customarily claimed by the United States government, the Data is a "commercial item" as that term is defined at 48 C.F.R. ("FAR") 2.101, is licensed in accordance with the End-User Terms under which this Data was provided, and each copy of the Data delivered or otherwise furnished shall be marked and embedded as appropriate with the following "Notice of Use," and shall be treated in accordance with such Notice:

NOTICE OF USE  
CONTRACTOR (MANUFACTURER/ SUPPLIER) NAME:  
HERE  
CONTRACTOR (MANUFACTURER/ SUPPLIER) ADDRESS:  
425 West Randolph Street, Chicago, Illinois 60606  
This Data is a commercial item as defined in  
FAR 2.101 and is subject to the End-User  
Terms under which this Data was provided.  
© 2017 HERE All Rights Reserved

If the Contracting Officer, federal government agency, or any federal official refuses to use the legend provided herein, the Contracting Officer, federal government agency, or any federal official must notify HERE prior to seeking additional or alternative rights in the Data.

## Notices related to licensed software copyright holders.

- Location name data for Japan



© ZENRIN CO., LTD. All rights reserved.  
This service uses POI data of ZENRIN CO., LTD.  
"ZENRIN" is a registered trademark of ZENRIN CO., LTD.

- Location name data except for Japan



© 2017 HERE All Rights Reserved

**Austria:** © Bundesamt für Eich- und Vermessungswesen

**Belgium:** © - Distribution & Copyright CIRB

**Croatia/Cyprus/Estonia/Latvia/Lithuania/Moldova/Poland/Slovenia/Ukraine:** © EuroGeographics

**Denmark:** Contains data that is made available by the Danish Geodata Agency (FOT) Retrieved by HERE 01/2014

**Finland:** Contains data from the National Land Survey of Finland Topographic Database 06/2012. (Terms of Use available at [http://www.maanmittauslaitos.fi/en/NLS\\_open\\_data\\_licence\\_version1\\_20120501](http://www.maanmittauslaitos.fi/en/NLS_open_data_licence_version1_20120501)).

Contains data that is made available by Itella in accordance with the terms available at [http://www.itella.fi/liitteenet/palvelutjatuotteet/yhteystietopalvelut/uusi\\_postal\\_code\\_services\\_service\\_description\\_and\\_terms\\_of\\_use.pdf](http://www.itella.fi/liitteenet/palvelutjatuotteet/yhteystietopalvelut/uusi_postal_code_services_service_description_and_terms_of_use.pdf). Retrieved by HERE 09/2013

**France:** source: © IGN 2009 – BD TOPO ©

**Germany:** Die Grundlagendaten wurden mit Genehmigung der zuständigen Behörden entnommen

Contains content of „BayrischeVermessungsverwaltung – [www.geodaten.bayern.de](http://www.geodaten.bayern.de)“, licensed in accordance with <http://creativecommons.org/licenses/by/3.0/legalcode>

Contains content of “LGL, [www.lgl-bw.de](http://www.lgl-bw.de)“, licensed in accordance with <http://creativecommons.org/licenses/by/3.0/legalcode>

Contains content of “Stadt Köln – [offenedaten-koeln.de](http://offenedaten-koeln.de)“, licensed in accordance with <http://creativecommons.org/licenses/by/3.0/legalcode>

Contains Content of “Geoportail Berlin / ATKIS® Basis-DLM“, licensed in accordance with <http://www.stadtentwicklung.berlin.de/geoinformation/download/nutzl3.pdf>

Contains Content of “Geoportail Berlin / Karte von Berlin 1:5000 (K5-Farbausgabe)“, licensed in accordance with <http://www.stadtentwicklung.berlin.de/geoinformation/download/nutzl3.pdf>

**Great Britain:** Contains Ordnance Survey data © Crown copyright and database right 2010

Contains Royal Mail data © Royal Mail copyright and database right 2010

**Greece:** Copyright Geomatics Ltd.

**Italy:** La Banca Dati Italiana è stata prodotta usando quale riferimento anche cartografia numerica ed al tratto prodotta e fornita dalla Regione Toscana.

Contains data from Trasporto Passeggeri Emilia-Romagna- S.p.A.

Includes content of Comune di Bologna licensed under <http://creativecommons.org/licenses/by/3.0/legalcode> and updated by licensee July 1, 2013.

Includes content of Comune di Cesena licensed under <http://creativecommons.org/licenses/by/3.0/legalcode> and updated by licensee July 1, 2013.

Includes contents of Ministero della Salute, and Regione Sicilia, licensed under <http://www.formez.it/iodl/> and updated by licensee September 1, 2013.

Includes contents of Provincia di Enna, Comune di Torino, Comune di Pisa, Comune di Trapani, Comune di Vicenza, Regione Lombardia, Regione Umbria, licensed under <http://www.dati.gov.it/iodl/2.0/> and updated by licensee September 1, 2013.

Includes content of GeoforUs, licensed in accordance with <http://creativecommons.org/licenses/by/3.0/legalcode>.

Includes content of Comune di Milano, licensed under <http://creativecommons.org/licenses/by/2.5/it/legalcode> and updated by licensee November 1, 2013.

Includes content of the “Comunità Montana della Carnia“, licensed under <http://www.dati.gov.it/iodl/2.0/> and updated by licensee December 1, 2013.

Includes content of “Agenzia per la mobilità“ licensed under <http://creativecommons.org/licenses/by/3.0/legalcode> and updated by licensee January 1, 2014.

Includes content of Regione Sardegna, licensed under <http://www.dati.gov.it/iodl/2.0/> and updated by licensee May 1, 2014.

Includes content of CISIS, licensed under <http://creativecommons.org/licenses/by/2.5/legalcode>.

**Norway:** Copyright © 2000; Norwegian Mapping Authority

Includes data under the Norwegian licence for Open Government data (NLOD), available at <http://data.norge.no/nlod/en/1.0>

Contains information copyrighted by © Kartverket, made available in accordance with <http://creativecommons.org/licenses/by/3.0/no/>.

Contains data under the Norwegian licence for Open Government data (NLOD) distributed by Norwegian Public Roads Administration (NPRA)

**Portugal:** Source: lgeoE – Portugal

**Spain:** Información geográfica propiedad del CNIG

Contains data that is made available by the Generalitat de Catalunya Government in accordance with the terms available at [http://www.gencat.cat/web/eng/avis\\_legal.htm](http://www.gencat.cat/web/eng/avis_legal.htm). Retrieved by HERE 05/2013.

Contains content of Centro Municipal de Informatica – Malaga, licensed in accordance with <http://creativecommons.org/licenses/by/3.0/legalcode>.

Contains content of Administración General de la Comunidad Autónoma de Euskadi, licensed in accordance with <http://creativecommons.org/licenses/by/3.0/legalcode>

Contains data made available by the Ayuntamiento de Santander, licensed in accordance with <http://creativecommons.org/licenses/by/3.0/es/legalcode.es>

Contains data of Ajuntament de Sabadell, licensed per <http://creativecommons.org/licenses/by/3.0/legalcode>, updated 4/2013

**Sweden:** Based upon electronic data © National Land Survey Sweden.

Contains public data, licensed under Go Open v1.0, available at <http://data.goteborg.se/goopen/Avtal%20GoOpen%201.0.0.pdf>

**Switzerland:** Topografische Grundlage: © Bundesamt für Landestopographie

**United Kingdom:** Contains public sector information licensed under the Open Government Licence v1.0 (see for the license <http://www.nationalarchives.gov.uk/doc/open-government-licence/>)

Adapted from data from the office for National Statistics licensed under the Open Government Licence v.1.0

**Canada:** This data includes information taken with permission from Canadian authorities, including © Her Majesty, © Queen's Printer for Ontario, © Canada Post, GeoBase®, © Department of Natural Resources Canada. All rights reserved.

**Mexico:** Fuente: INEGI (Instituto Nacional de Estadística y Geografía.)

**United States:** ©United States Postal Service® 2013. Prices are not established, controlled or approved by the United States Postal Service®. The following trademarks and registrations are owned by the USPS: United States Postal Service, USPS, and ZIP+4.

Includes data available from the U.S. Geological Survey.

**Australia:** Copyright. Based on data provided under license from PSMA Australia Limited ([www.pasma.com.au](http://www.pasma.com.au)).

Product incorporates data which is © 2013 Telstra Corporation Limited, Intelomatics Australia Pty Ltd and HERE International LLC.

**Nepal:** Copyright © Survey Department, Government of Nepal.

**Sri Lanka:** This product incorporates original source digital data obtained from the Survey Department of Sri Lanka

© 2009 Survey Department of Sri Lanka

The data has been used with the permission of the Survey Department of Sri Lanka

**Israel:** © Survey of Israel data source

**Jordan:** © Royal Jordanian Geographic Centre.

**Mozambique:** Certain Data for Mozambique provided by Cenacarta © 2013 by Cenacarta

**Nicaragua:** The Pacific Ocean and Caribbean Sea maritime borders have not been entirely defined. Northern land border defined by the natural course of the Coco River (also known as Segovia River or Wangki River) corresponds to the source of information available at the moment of its representation.

**Réunion:** source: © IGN 2009 - BD TOPO ®

**Ecuador:** INSTITUTO GEOGRAFICO MILITAR DEL ECUADRO  
AUTORIZACION N° IGM-2011-01- PCO-01 DEL 25 DE ENERO DE 2011

**Guadeloupe:** source: © IGN 2009 - BD TOPO ®

**Guatemala:** Aprobado por el INSTITUTO GEOGRAFICO NACIONAL – Resolución del IGN No 186-2011

**French Guiana:** source: © IGN 2009 - BD TOPO ®

**Martinique:** source: © IGN 2009 - BD TOPO ®



A series of horizontal dashed lines spanning the width of the page, intended for handwriting practice.

No reproduction in any form of this manual, in whole or in part (except for brief quotation in critical articles or reviews), may be made without written authorization from NIKON CORPORATION.

**NIKON CORPORATION**

---

© 2017 Nikon Corporation



CT7D01(11)  
6MQA6811-01