



DIGITAL CAMERA

# Z 9

## User's Manual

En

- Read this document thoroughly before using the camera.
- To ensure proper use of the camera, be sure to read "For Your Safety" (page 8).
- After reading this document, keep it readily accessible for future reference.



Scan for detailed operating instructions.

nikon reference guide Z 9



# The Z 9 User's Manual and Reference Guide

In addition to this *User's Manual*, a *Reference Guide* is available for your camera.

## **The User's Manual (This Document)**

The *User's Manual* describes basic camera operations.



## **The Reference Guide**

Camera features and operations are detailed in a *Reference Guide*, a supplement to the *User's Manual*. The *Reference Guide* can be viewed on computers, smartphones, and tablets.



## **Z 9 Model Name: N2014**

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## ✔ The Nikon Download Center

Visit the Nikon download center to download firmware updates, NX Studio and other Nikon software, and documentation for Nikon products including cameras, NIKKOR lenses, and flash units.

<https://downloadcenter.nikonimglib.com/>



## ✔ Nikon Software

NX Studio and other computer software are available for download from the Nikon download center. See the *Reference Guide* for details.

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## ■ Nikon User Support

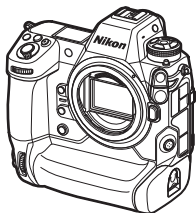
Should you need technical support, we offer a number of options.

- **For users in the U.S.A.:** <https://www.nikonusa.com/>
- **For customers in Canada:** <https://www.nikon.ca/>
- **For customers in Mexico:** <https://www.nikon.com.mx/>
- **For customers in Latin America:**  
<https://www.nikonamericalatina.com/>
- **For users in Europe:** <https://www.europe-nikon.com/support>
- **For users in Asia, Oceania, and the Middle East:**  
<https://www.nikon-asia.com/>

# Package Contents

Be sure all items listed here were included with your camera.

Camera



DK-33 rubber eyecup (comes attached to camera)

BF-N1 body cap



EN-EL18d rechargeable Li-ion battery with terminal cover

MH-33 battery charger

EH-7P charging AC adapter (supplied with a plug adapter attached in countries or regions where required; shape depends on country of sale)

HDMI/USB cable clip

Strap

Warranty (printed on the back cover of this manual)

*User's Manual*

UC-E24 USB cable




BS-1 accessory shoe cover (comes attached to camera)

- Memory cards are sold separately.

# About This Document

## ■ Symbols

This document employs the following symbols. Use them to help locate the information you need.

|   |  |
|---|--|
|  | This icon marks notes, information that should be read before using this product.          |
|  | This icon marks tips, additional information you may find helpful when using this product. |
|  | This icon marks references to other sections in this document.                             |

## ■ Conventions

- This camera uses CFexpress (Type B) and XQD memory cards. Memory cards of all types are referred to throughout this document as “memory cards”. Where it is necessary to distinguish between the different types, the terms “CFexpress memory card” and “XQD memory card” may be used.
- Throughout this document, battery chargers are referred to as “battery chargers” or “chargers”.
- Throughout this document, the display in camera monitor and viewfinder during shooting is referred to as the “shooting display”. In most cases, the illustrations show the monitor.
- Throughout this document, smartphones and tablets are referred to as “smart devices”.
- Throughout this document, the term “default settings” is used to refer to the settings in effect at shipment. The explanations in this document assume that default settings are used.

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## 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.

After reading these safety instructions, keep them readily accessible for future reference.

**⚠ 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.



**Keep dry. Do not handle with wet hands. Do not handle the plug with wet hands.**

Failure to observe these precautions 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 directly view the sun or other bright light source through the lens.**

Failure to observe this precaution could result in visual impairment.

---

**Do not aim the flash or AF-assist illuminator 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, or AC adapters not specifically designated for use with this product. When using batteries, chargers, and AC adapters 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. Sunlight focused into the camera when the sun is close to the frame could cause fire.

---

**Turn the product off when its use is prohibited. Disable the location data feature. End location tracking. 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 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.

---

**Do not look directly at the AF-assist illuminator.**

Failure to observe this precaution could have adverse effects on vision.

---

**Do not transport cameras or lenses with tripods or similar accessories attached.**

Failure to observe this precaution could result in injury or product malfunction.

---

**Do not touch the memory card when a high-temperature warning is displayed in the monitor or viewfinder.**

The memory card will be hot, potentially causing burns or causing the card to be dropped and damaged when removed.



---

## **DANGER (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.
- Do not step on batteries, pierce them with nails, or strike them with hammers.

---

**Charge only as indicated.**

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.

---

**Follow the instructions of airline personnel.**

Batteries left unattended at high altitudes in an unpressurized environment may leak, overheat, rupture, or catch fire.

---

 **WARNING (Batteries)**

**Keep batteries out of reach of children.**

Should a child swallow a battery, seek immediate medical attention.

---

**Keep batteries out of reach of household pets and other animals.**

The batteries could leak, overheat, rupture, or catch fire if bitten, chewed, or otherwise damaged by animals.

---

**Do not immerse batteries 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 batteries, such as discoloration or deformation. Cease charging EN-EL18d rechargeable batteries if they do not charge in the specified period of time.**

Failure to observe these precautions could result in the batteries leaking, overheating, rupturing, or catching fire.

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**When batteries are no longer needed, insulate the terminals with tape.**

Overheating, rupture, or fire may result should metal objects come into contact with the terminals.

---

**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.

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# Notices

- No part of the documentation included with this product may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without Nikon's prior written permission.
- Nikon reserves the right to change the appearance and specifications of the hardware and software described in this documentation 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 has been made to ensure that the information in this documentation 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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The copying or reproduction of stamps issued by the government and of certified documents stipulated by law is prohibited.

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- **Comply with copyright notices**

Under copyright law, photographs or recordings of copyrighted works made with the camera cannot 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.

- **Use Only Nikon Brand Electronic Accessories**

Nikon cameras include complex electronic circuitry. Only Nikon brand electronic accessories (including lenses, chargers, batteries, AC adapters, and flash accessories) 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 shown at right could interfere with normal operation of the camera or result in the batteries overheating, igniting, rupturing, or leaking. For more information about Nikon brand accessories, contact a local authorized Nikon dealer.



## ● Memory Cards

- Memory cards may be hot after use. Observe due caution when removing memory cards from the camera.
- Do not perform the following operations during formatting or while data are being recorded, deleted, or copied to a computer or other device. Failure to observe these precautions could result in loss of data or in damage to the camera or card.
  - Do not remove or insert memory cards.
  - Do not turn the camera off.
  - Do not remove the battery.
  - Do not disconnect AC adapters.
- Do not touch the card terminals with your fingers or metal objects.
- Do not use excessive force when handling memory cards. Failure to observe this precaution could damage the card.
- Do not bend or drop memory cards or subject them to strong physical shocks.
- Do not expose memory cards to water, heat, or direct sunlight.
- Do not format memory cards in a computer.

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### ✔ 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.

### ✔ Life-Long Learning

As part of Nikon's "Life-Long Learning" commitment to ongoing product support and education, continually-updated information is available on-line at the following sites:

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

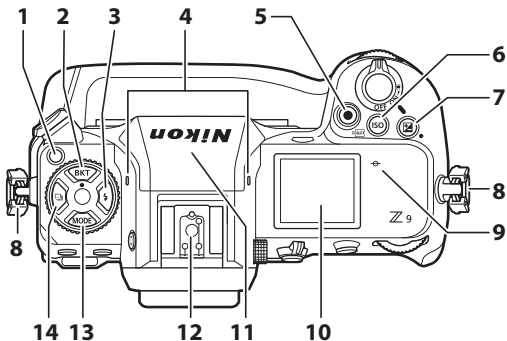
Visit these sites to keep up-to-date with the latest product information, tips, answers to frequently-asked questions (FAQs), and general advice on digital imaging and photography. Additional information may be available from the Nikon representative in your area. See the following URL for contact information: <https://imaging.nikon.com/>

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# Parts of the Camera

## Camera Body



1 Release mode dial lock release


2 **BKT** button

3 ⚡ button


4 Stereo microphone (for videos)

5 Video-record button

6 **ISO** (FORMATT) button

7  button

8 Eyepiece for camera strap

9  (focal plane mark)

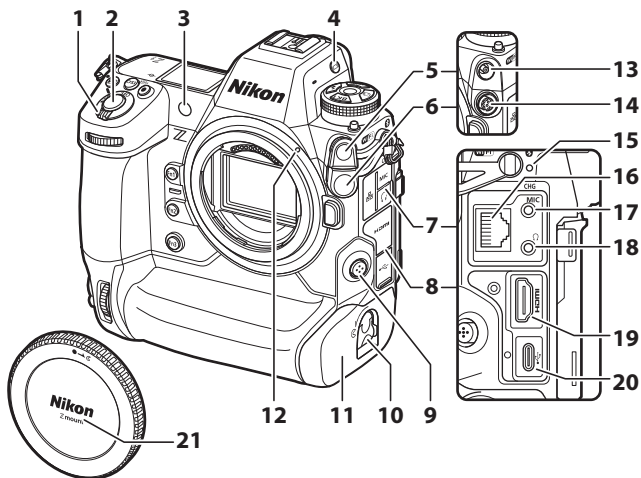
10 Control panel

11 GNSS antenna

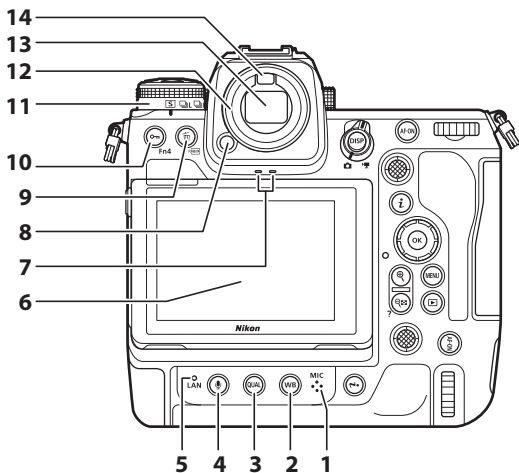
12 Accessory shoe (for optional flash unit)

13 **MODE** button

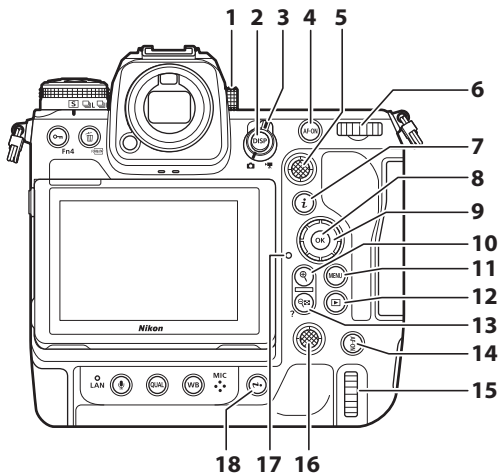
14  button



- |   |   |
|---|---|
| <p><b>1</b> Power switch</p> <p><b>2</b> Shutter-release button</p> <p><b>3</b> AF-assist illuminator<br/>Red-eye reduction lamp<br/>Self-timer lamp</p> <p><b>4</b> <math>\square</math> button</p> <p><b>5</b> Flash sync terminal cover</p> <p><b>6</b> Ten-pin remote terminal cover</p> <p><b>7</b> Cover for microphone,<br/>headphone, and Ethernet<br/>connectors</p> <p><b>8</b> Cover for USB and HDMI<br/>connectors</p> <p><b>9</b> Focus-mode button</p> | <p><b>10</b> Battery chamber cover latch</p> <p><b>11</b> Battery chamber cover</p> <p><b>12</b> Lens mounting mark</p> <p><b>13</b> Flash sync terminal</p> <p><b>14</b> Ten-pin remote terminal</p> <p><b>15</b> Charge lamp</p> <p><b>16</b> Ethernet connector</p> <p><b>17</b> Connector for external<br/>microphone</p> <p><b>18</b> Headphone connector</p> <p><b>19</b> HDMI connector</p> <p><b>20</b> USB connector</p> <p><b>21</b> Body cap</p> |
|---|---|

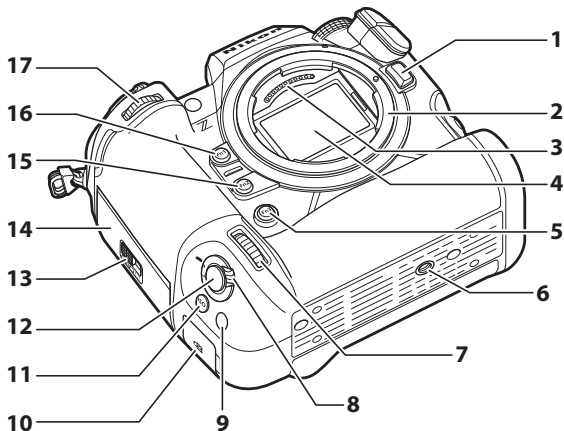


- |   |                              |    |                    |
|---|------------------------------|----|--------------------|
| 1 | Microphone (for voice memos) | 8  | Eyepiece release   |
| 2 | <b>WB</b> button             | 9  | 🗑️ (FORMAT) button |
| 3 | <b>QUAL</b> button           | 10 | <b>Fn4</b> button  |
| 4 | 🎤 button                     | 11 | Release mode dial  |
| 5 | Network indicator            | 12 | Rubber eyecup      |
| 6 | Monitor                      | 13 | Viewfinder         |
| 7 | Speaker                      | 14 | Eye sensor         |



- 1 Diopter adjustment control
- 2 **DISP** button
- 3 Photo/video selector
- 4 **AF-ON** button
- 5 Sub-selector
- 6 Main command dial
- 7 **i** button
- 8 **OK** button
- 9 Multi selector
- 10 **Q** button

- 11 **MENU** button
- 12 **▶** button
- 13 **Q (?)** button
- 14 **AF-ON** button for vertical shooting
- 15 Main command dial for vertical shooting
- 16 Multi selector for vertical shooting
- 17 Memory card access lamp
- 18 **i** button for vertical shooting



1 Lens release button

2 Lens mount

3 CPU contacts

4 Image sensor

5 **Fn3** button

6 Tripod socket

7 Sub-command dial for vertical shooting

8 Shutter-release button lock for vertical shooting

9 **Fn** button for vertical shooting

10 Security slot (for anti-theft cable)

11 **ISO** button for vertical shooting

12 Shutter-release button for vertical shooting

13 Memory card slot cover latch

14 Memory card slot cover

15 **Fn2** button

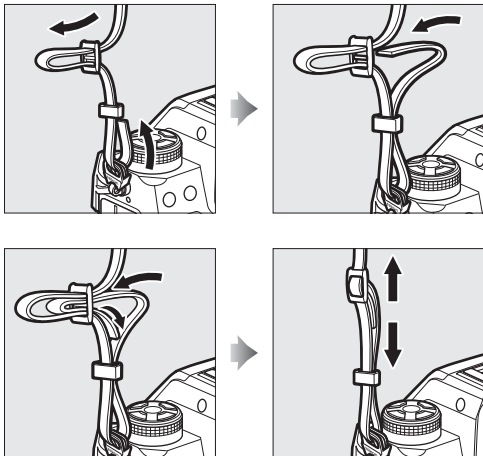
16 **Fn1** button

17 Sub-command dial

# First Steps

## Attaching the Strap

To attach a strap (whether the supplied strap or one that has been purchased separately):



# Charging the Battery

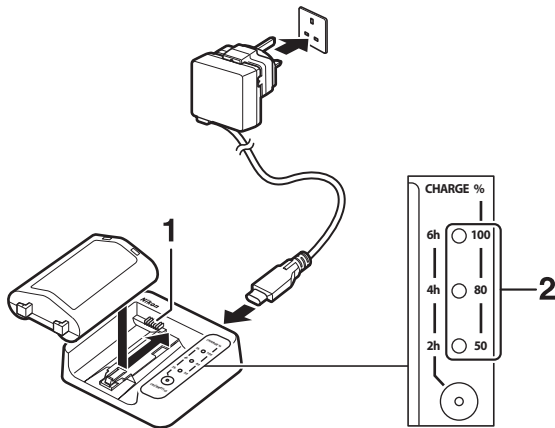
Charge the supplied EN-EL18d battery before use.

## ⚠ Caution: The Battery and Charger

Read and follow the warnings and cautions in "For Your Safety" (□8) and "Caring for the Camera and Battery: Cautions" (□49).

## The Battery Charger

- Before charging the battery, connect the EH-7P charging AC adapter to the MH-33 battery charger and plug it into a household power outlet. You can then insert the battery to begin charging.



- 1 Signal contacts
- 2 Charge lamps (green)

- The charge lamps flash while charging is in progress and stop flashing as charging completes. Note that depending on the battery charge state, there may be a delay of about ten seconds before the lamps start flashing.
- Insert the battery (terminals first), aligning the end of the battery with the guide and then sliding the battery in the direction indicated until it clicks into place.
- Leave the charger in a location where it will remain stable and free from vibration during use.
- An exhausted battery will fully charge in about 4 hours.
- As charging progresses, the charge lamps will light one at a time until charging is complete and all three lamps are lit.
- Battery status is shown by the charge lamps:

| Charge lamps | Charge state |             |             |        |
|--------------|--------------|-------------|-------------|--------|
|              | <50%         | ≥50%, <80%  | ≥80%, <100% | 100%   |
| <b>100%</b>  | ● (off)      | ● (off)     | ⚡ (flashes) | ○ (on) |
| <b>80%</b>   | ● (off)      | ⚡ (flashes) | ○ (on)      | ○ (on) |
| <b>50%</b>   | ⚡ (flashes)  | ○ (on)      | ○ (on)      | ○ (on) |



---

**✔ Caution: Charging EN-EL18d Batteries**

EN-EL18d rechargeable Li-ion batteries are not compatible with MH-26a or MH-26 battery chargers. Be sure to use the MH-33 when charging EN-EL18d batteries via a charger.

**✔ If the Charge Lamps Flash Rapidly**

If the charge lamps flash rapidly (8 times a second):

- **The battery was not inserted correctly:** Unplug the charger and remove and reinsert the battery.
- **The ambient temperature is too hot or too cold:** Use the battery charger at temperatures within the designated temperature range (0–40 °C/+32–104 °F).

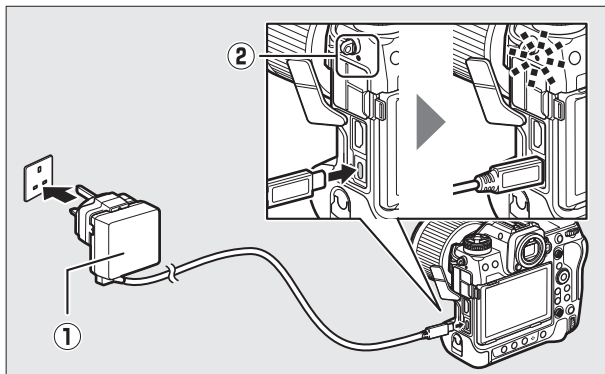
If the problem persists, unplug the charger and end charging. Bring the battery and charger to a Nikon-authorized service representative.

---

## **The Charging AC Adapter: Charging**

When inserted in the camera, the battery can be charged using the supplied EH-7P charging AC adapter.

- After confirming that the camera is off, connect the charging AC adapter (①) and plug the adapter in. The battery will charge while the camera is off. Keep the plug straight during insertion and removal.



- The camera charge lamp (②) lights amber while charging is in progress. The lamp turns off when charging is complete.
- An exhausted battery will fully charge in about 3 hours and 40 minutes.
- When charging is complete, unplug the charging AC adapter and disconnect it from the camera.

---

### ✔ **Caution: Charging EN-EL18a/EN-EL18 Batteries**

The charging AC adapter cannot be used to charge EN-EL18a or EN-EL18 rechargeable Li-ion batteries. Use an MH-26a battery charger.

### ✔ **Caution: The Charging AC Adapter**

- If the battery cannot be charged using the charging AC adapter, for example because the battery is not compatible or the temperature of the camera is elevated, the charge lamp will flash rapidly for about 30 seconds and then turn off. If the charge lamp is off and you did not observe the battery charging, turn the camera on and check the battery level.
- Batteries with a "4" (🔋) showing for **[Battery info]** > **[Battery age]** in the setup menu cannot be charged.

---

### ✔ **The Charging AC Adapter: Power Delivery**

- If **[ON]** is selected for **[USB power delivery]** in the setup menu, the charging AC adapter will supply power to the camera when the camera is on.
- The battery will not charge while the camera is powered by an outside power source.

### ✔ **Computer USB Power Delivery and Battery Charging**

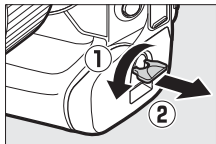
- Computers will supply current to power the camera or charge the battery only when connected via a UC-E25 USB cable (available separately). The supplied USB cable cannot be used for this purpose.
  - Depending on the model and product specifications, some computers will not supply current to power the camera or charge the battery.
-

# Inserting the Battery

Turn the camera off before inserting or removing the battery.

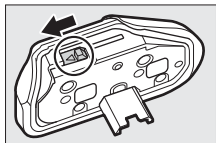
## 1 Remove the BL-7 battery chamber cover.

Lift the battery-chamber cover latch, turn it to the open (Ⓢ) position (①) and remove the battery chamber cover (②).



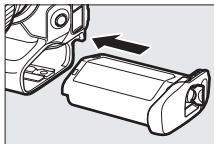
## 2 Attach the cover to the battery.

- If the battery release is positioned so that the arrow (◀) is visible, slide the battery release to cover the arrow (◀).
- Insert the two projections on the battery into the matching slots in the cover as shown. The battery release will slide aside to completely reveal the arrow (◀).



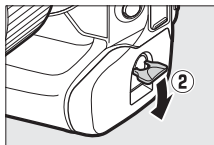
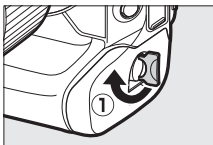
### 3 Insert the battery.

Insert the battery fully and securely as shown.



### 4 Latch the cover.

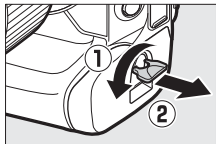
- Rotate the battery-chamber cover latch to the closed position (①) and fold it down as shown (②).



- Be sure the cover is securely latched to prevent the battery from becoming dislodged during operation.

## **Removing the Battery**

Before removing the battery, turn the camera off, lift the battery chamber cover latch, and turn it to the open (☞) position.



---

### **☑ Removing the Battery Chamber Cover**

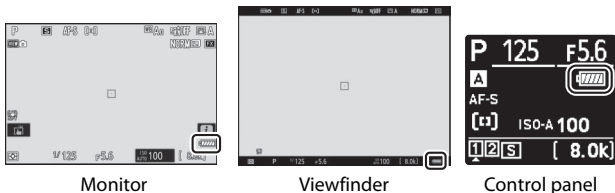
To unlatch the battery chamber cover so that it can be removed from the battery, slide the battery release in the direction indicated by the arrow (◀) until it stops.

### **☑ The Battery Chamber Cover**

- Use BL-7 battery chamber covers only; other battery chamber covers cannot be used with this camera.
  - You can leave the cover attached when charging batteries in a charger.
  - To prevent dust accumulating inside the battery chamber, replace the battery chamber cover on the camera when the battery is not inserted.
-

## Battery Level

- The battery level is shown in the shooting display and control panel while the camera is on.



- The battery level display changes as the battery level diminishes, from through , , , and . When the battery level falls to , suspend shooting and charge the battery or ready a spare battery.
- If the message [**Shutter release disabled. Recharge battery.**] is displayed, charge or exchange the battery.

---

### The Standby Timer

The camera uses a standby timer to help reduce the drain on the battery. If no operations are performed for about 30 seconds, the standby timer will expire and the monitor, viewfinder, and control panel will turn off. A few seconds prior to turning off, the monitor and viewfinder will dim. They can be reactivated by pressing the shutter-release button halfway. The length of time before the standby timer expires automatically can be selected using Custom Setting c3 [**Power off delay**] > [**Standby timer**].

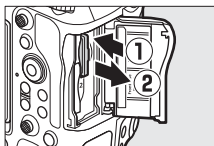
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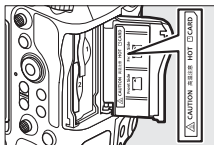
## Removing Memory Cards

After confirming that the memory card access lamp is off, turn the camera off, open the memory card slot cover, and press the card in to eject it (①). The card can then be removed by hand (②).



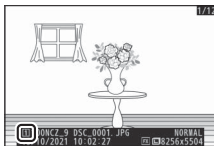
### ✔ Memory Card High-Temperature Warning

As indicated on the inside of the memory card slot cover, memory cards inserted in the camera may become hot. Do not attempt to remove memory cards if a high-temperature warning appears in the shooting display; instead, wait for the camera to cool and the warning to clear from the display.



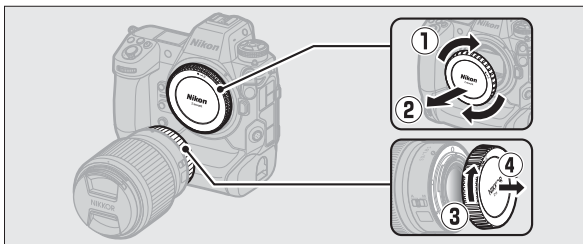
### ✔ Slot Icons

The location of the current picture is shown by an icon at the bottom left corner of the playback display.

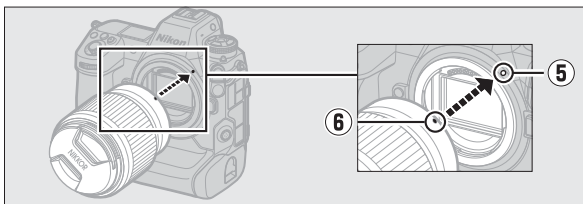


## Attaching a Lens

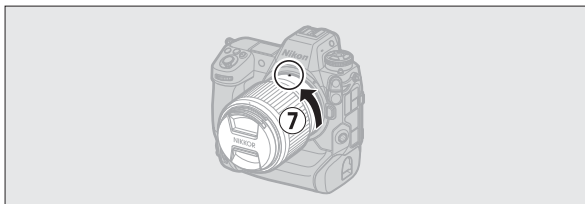
- The camera can be used with Z mount lenses. The lens generally used in this document for illustrative purposes is a NIKKOR Z 50mm f/1.8 S.
- Be careful to prevent dust entering the camera.
- Confirm that the camera is off before attaching the lens.
  - Remove the camera body cap (①, ②) and rear lens cap (③, ④).



- Align the mounting marks on the camera (⑤) and lens (⑥). Do not touch the image sensor or lens contacts.



- Rotate the lens as shown until it clicks into place (7).



- Remove the front lens cap before taking pictures.

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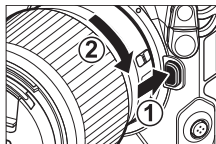
### **✓ F Mount Lenses**

- Be sure to attach the FTZ II/FTZ mount adapter (available separately) before using F mount lenses.
- Attempting to attach F mount lenses directly to the camera could damage the lens or image sensor.

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### **Detaching Lenses**

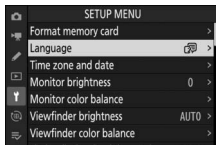
- After turning the camera off, press and hold the lens release button (1) while turning the lens in the direction shown (2).
- After removing the lens, reattach the lens caps and camera body cap.






# Camera Setup

Turn the camera on, choose a language, and set the clock. Before using the camera for the first time, follow the steps below to choose a language and time zone and set the clock so that the correct time and date will be recorded with any pictures you take.

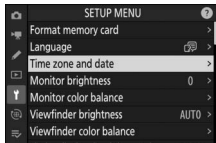
- 1 Press MENU, and in the setup menu highlight [Language] and press .**



- 2 Select a language.**

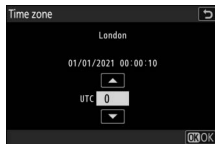
Press  or  to highlight the desired language and press  (the languages available vary with the country or region in which the camera was originally purchased).

- 3 Highlight [Time zone and date] and press .**



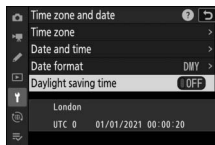
## 4 Choose a time zone.

- Select [**Time zone**] in the [**Time zone and date**] display.
- The display lists selected cities in the chosen zone and the difference between the time in the chosen zone and UTC.
- Highlight a time zone in the [**Time zone**] display and press **OK**.



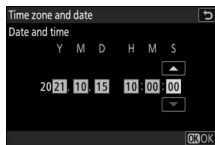
## 5 Turn daylight saving time on or off.

- Select [**Daylight saving time**] in the [**Time zone and date**] display.
- Select [**ON**] (daylight saving time on) or [**OFF**] (daylight saving time off).
- Selecting [**ON**] advances the clock one hour; to undo the effect, select [**OFF**].



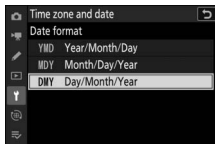
## 6 Set the clock.

- Select [**Date and time**] in the [**Time zone and date**] display.
- Press **OK** after using the multi selector to set the clock to the date and time in the selected time zone in the [**Date and time**] display (note that the camera uses a 24-hour clock).



## 7 Choose a date format.

- Select **[Date format]** in the **[Time zone and date]** display.
- Highlight the desired date (year, month, and day) display order and press **OK**.



## 8 Exit the menus.

Lightly press the shutter-release button halfway to exit to shooting mode.



### ✓ The ☺ Icon

A flashing ☺ icon in the shooting display indicates that the camera clock has been reset. The date and time recorded with new photographs will not be correct; use the **[Time zone and date] > [Date and time]** option in the setup menu to set the clock to the correct time and date. The camera clock is powered by an independent clock battery. The clock battery charges when the main battery is inserted in the camera. It takes about 2 days to charge. Once charged, it will power the clock for about a month.

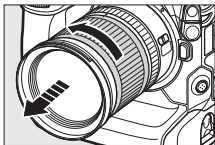
# Basic Photography and Playback

## Taking Photographs

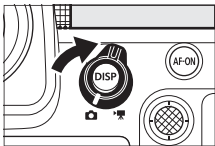
The basic steps involved in taking photographs are described below.

### ✔ Lenses with Retractable Barrels

Lenses with retractable barrels must be extended before use. Rotate the zoom ring as shown until the lens clicks into the extended position.



- 1 Select photo mode by rotating the photo/video selector to .



---

## 2 Ready the camera.

Holding the handgrip in your right hand and cradling the camera body or lens with your left, bring your elbows in against the sides of your chest.



Landscape (wide)  
orientation

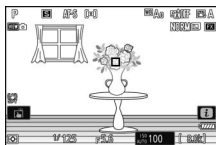


Portrait (tall) orientation

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## 3 Frame the photograph.

Position the main subject near the center of the frame.







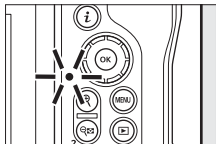
- 
- 5** Without lifting your finger from the shutter-release button, press the button the rest of the way down to take the picture.



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**✔ The Memory Card Access Lamp**

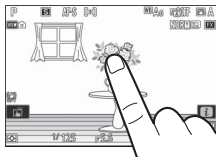
The memory card access lamp will light while the photograph is being recorded. *Do not remove the memory card or battery.*



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**✔ The Touch Shutter**

You can also take a photograph by touching the monitor. Touch your subject to focus and lift your finger to release the shutter.

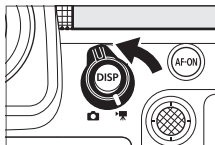


# Shooting Videos

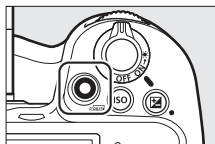
The basic steps involved in shooting videos are described below.

## 1 Select video mode by rotating the photo/video selector to .

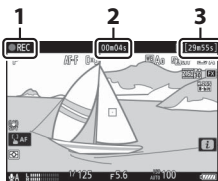
Note that optional flash units cannot be used when the camera is in video mode.



## 2 Press the video-record button to start recording.



- A recording indicator will be displayed in the monitor. The monitor also shows the time remaining, or in other words the approximate amount of new footage that can be recorded to the memory card.



- 1 Recording indicator
- 2 Video recording time (length of footage recorded)
- 3 Time remaining

- The camera can be refocused during recording by pressing the **AF-ON** button.
- Sound is recorded via the video microphone. Do not cover the video microphone during recording.
- You can also focus by tapping your subject in the monitor.

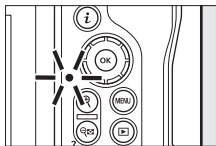
---

### **3** Press the video-record button again to end recording.

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#### **The Memory Card Access Lamp**

The memory card access lamp will light while the video is being recorded. *Do not remove the memory card or battery.*



#### **The Icon**

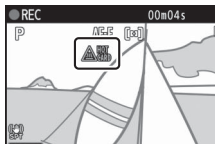
A  icon indicates that videos cannot be recorded.

## ✔ Cautions: Recording Videos


- Video recording will end automatically if:
  - the maximum length is reached,
  - you choose a different shooting mode,
  - you switch modes using the photo/video selector, or
  - the lens is removed.
- Sounds made by the camera may be audible in footage recorded:
  - during autofocus,
  - during vibration reduction, or
  - when power aperture is used.

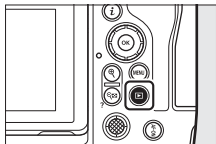
## ✔ Memory Card High-Temperature Warning



During video recording, memory cards may become hot and a high-temperature warning may appear in the shooting display. Do not attempt to remove the memory card; instead, wait for the camera to cool and the warning to clear from the display.

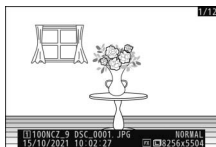





# Playback

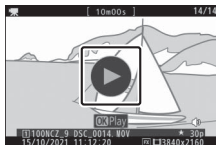
Press the  button to view photos and videos in the monitor or viewfinder after shooting.



- Press  or  or flick left or right to view additional pictures.



- Videos are indicated by a  icon. Tap the  icon in the display or press the  button to start playback.



- To end playback and return to shooting mode, press the shutter-release button halfway.

# Troubleshooting

## Before Contacting Customer Support

You may be able to resolve any issues with the camera by following the steps below. Check this list before consulting your retailer or Nikon-authorized service representative.

### STEP 1

#### Check the list of common problems.

Common problems and solutions are listed in the troubleshooting section of the *Reference Guide*.

### STEP 2

#### Turn the camera off and remove the battery, then wait about a minute, re-insert the battery and turn the camera on.

- ☑ The camera may continue to write data to the memory card after shooting. Wait at least a minute before removing the battery.

### STEP 3

#### Search Nikon websites.

- For support information and answers to frequently asked questions, visit the website for your country or region (□ 16).
- To download the latest firmware for your camera, visit: <https://downloadcenter.nikonimglib.com/>

### STEP 4

#### Consult a Nikon-authorized service representative.

# Technical Notes

## Caring for the Camera

### Long-Term Storage

When the camera will not be used for an extended period, remove the battery. Before removing the battery, confirm that the camera is off.

Do not store the camera in locations that:

- are poorly ventilated or subject to humidities of over 60%,
- are next to equipment that produces strong electromagnetic fields, such as televisions or radios, or
- are exposed to temperatures above 50 °C (122 °F) or below -20 °C (-4 °F).



# Caring for the Camera and Battery: Cautions

## Cautions: Camera Care

### ● **Do Not Drop**

Do not drop the camera or lens or subject them to blows. The product may malfunction if subjected to strong shocks or vibration.

### ● **Keep Dry**

Keep the camera dry. Rusting of the internal mechanism caused by water inside the camera can not only be expensive to repair but can in fact cause irreparable damage.

### ● **Avoid Sudden Changes in Temperature**

Taking the camera from a warm to a cold environment or vice versa may cause damaging condensation inside and outside the camera. Place the camera in a sealed bag or plastic case before taking it across a temperature boundary. The camera can be taken from the bag or case once it has had time to adjust to the new temperature.

### ● **Keep Away from Strong Magnetic Fields**

Static charges or the magnetic fields produced by equipment such as radio transmitters could interfere with the monitor, corrupt data stored on the memory card, or affect the product's internal circuitry.

### ● **Do Not Leave the Lens Pointed at the Sun**

Do not leave the lens pointed at the sun or other strong light source for extended periods. Intense light may damage the image sensor or cause fading or "burn in". Photographs taken with the camera may exhibit a white blur effect.

### ● Lasers and Other Bright Light Sources

Do not direct lasers or other extremely bright light sources toward the lens, as this could damage the camera's image sensor.

### ● Cleaning

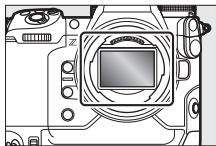
When cleaning the camera body, use a blower to gently remove dust and lint, then wipe gently with a soft, dry cloth. After using the camera at the beach or seaside, wipe off any sand or salt using a cloth lightly dampened in fresh water and then dry the camera thoroughly. In rare instances, static electricity may cause the LCD displays to light up or go dark; this does not indicate a malfunction. The display will soon return to normal.

### ● Cleaning the Lens and Viewfinder

These glass elements are easily damaged: remove dust and lint with a blower. If using an aerosol blower, keep the can vertical to prevent the discharge of liquid that could damage glass elements. To remove fingerprints and other stains from the lens, apply a small amount of lens cleaner to a soft cloth and wipe the lens carefully.

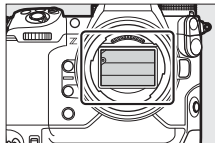
### ● Do Not Touch the Image Sensor

Under no circumstances should you exert pressure on the image sensor, poke it with cleaning tools, or subject it to powerful air currents from a blower. These actions could scratch or otherwise damage the sensor.



### ● Do Not Touch the Sensor Shield

If [Sensor shield closes] is selected for [Sensor shield behavior at power off] in the setup menu, the sensor shield in front of the image sensor will close when the camera turns off. Never pierce or apply pressure to the sensor shield. Failure to observe this precaution could scratch or otherwise damage the shield.



### ● The Lens Contacts

Keep the lens contacts clean. Avoid touching them with your fingers.

### ● Store in a Well-Ventilated Area

To prevent mold or mildew, store the camera in a dry, well-ventilated area. Do not store the camera with naphtha or camphor moth balls, next to equipment that produces strong electromagnetic fields, or where it will be exposed to extremely high temperatures, for example near a heater or in an enclosed vehicle on a hot day. Failure to observe these precautions could result in product malfunction.

### ● Long-Term Storage

To prevent damage caused for example by leaking battery fluid, remove the battery if the product will not be used for an extended period. Store the camera in a plastic bag containing a desiccant. Do not, however, store the leather camera case in a plastic bag, as this may cause the material to deteriorate. Store the battery in a cool, dry place. Note that desiccant gradually loses its capacity to absorb moisture and should be replaced at regular intervals. To prevent mold or mildew, take the camera out of storage at least once a month, insert the battery, and release the shutter a few times.

### ● **Turn the Product Off Before Removing or Disconnecting the Power Source**

Removing or disconnecting the power source while the camera is on could damage the product. Particular care should be taken not to remove or disconnect the power source while pictures are being recorded or deleted.

### ● **Monitor/Viewfinder**

- The monitors (including viewfinder) 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. Pictures recorded with the device are unaffected. Your understanding is requested.
- Pictures in the monitor may be difficult to see in a bright light.
- Do not apply pressure to the monitor. The monitor could malfunction or suffer damage. Dust or lint on the monitor can be removed with a blower. Stains can be removed by wiping the monitor lightly with a soft cloth or chamois leather. Should the monitor break, care should be taken to avoid injury from broken glass. Be careful that liquid crystal from the monitor does not touch the skin or enter the eyes or mouth.
- Should you experience any of the following symptoms while framing shots in the viewfinder, discontinue use until your condition improves:
  - nausea, eye pain, eye fatigue,
  - dizziness, headache, stiffness in your neck or shoulders,
  - queasiness or loss of hand-eye coordination, or
  - motion sickness.
- The display may rapidly flicker on and off during burst photography. Watching the flickering display could cause you to feel unwell. Discontinue use until your condition improves.

### ● **Bright Lights and Back-Lit Subjects**

Noise in the form of lines may in rare cases appear in pictures that include bright lights or back-lit subjects.

---

### ✔ **Caution: Disposing of Data Storage Devices**

Please note that deleting pictures or formatting memory cards or other data storage devices does not completely erase the original image data. Deleted files can sometimes be recovered from discarded storage devices using commercially available software, potentially resulting in the malicious use of personal image data. Ensuring the privacy of such data is the user's responsibility.

Before discarding a data storage device or transferring ownership to another person, erase all data using commercial deletion software, or format the device and then completely refill it with pictures containing no private information (for example, pictures of empty sky). Care should be taken to avoid injury when physically destroying data storage devices.

Before discarding the camera or transferring ownership to another person, you should also use the **[Reset all settings]** item in the camera setup menu to delete network settings and other personal information.

---

## **Cautions: Battery Care**

### **● Precautions for Use**

- If improperly handled, batteries may rupture or leak, causing the product to corrode. Observe the following precautions when handling batteries:
  - Turn the product off before replacing the battery.
  - Batteries may be hot after extended use.
  - Keep the battery terminals clean.
  - Use only batteries approved for use in this equipment.
  - Do not short or disassemble batteries or expose them to flame or excessive heat.
  - Replace the terminal cover when the battery is not inserted in the camera or charger.
- If the battery is hot, for example immediately after use, wait for it to cool before charging. Attempting to charge the battery while its internal temperature is elevated will impair battery performance, and the battery may not charge or charge only partially.
- If the battery will not be used for some time, remove it from the camera and store it in a cool, dry location with an ambient temperature of 15 °C to 25 °C (59 °F to 77 °F). Avoid hot or extremely cold locations.
- Batteries should be charged within six months of use. During long periods of disuse, charge the battery once every six months before returning it to a cool location for storage.
- Remove the battery from the camera or charger when not in use. The camera and charger draw minute amounts of charge even when off and could draw the battery down to the point that it will no longer function.

- Do not use the battery at ambient temperatures below  $-10^{\circ}\text{C}$  ( $14^{\circ}\text{F}$ ) or above  $40^{\circ}\text{C}$  ( $104^{\circ}\text{F}$ ). Failure to observe this precaution could damage the battery or impair its performance. Charge the battery indoors at ambient temperatures of  $5^{\circ}\text{C}$ – $35^{\circ}\text{C}$  ( $41^{\circ}\text{F}$ – $95^{\circ}\text{F}$ ). The battery will not charge if its temperature is below  $0^{\circ}\text{C}$  ( $32^{\circ}\text{F}$ ) or above  $60^{\circ}\text{C}$  ( $140^{\circ}\text{F}$ ).
- Capacity may be reduced and charging times increase at battery temperatures from  $0^{\circ}\text{C}$  ( $32^{\circ}\text{F}$ ) to  $15^{\circ}\text{C}$  ( $59^{\circ}\text{F}$ ) and from  $45^{\circ}\text{C}$  ( $113^{\circ}\text{F}$ ) to  $60^{\circ}\text{C}$  ( $140^{\circ}\text{F}$ ).
- Batteries in general exhibit a drop in capacity at low ambient temperatures. Even fresh batteries charged at temperatures under about  $5^{\circ}\text{C}$  ( $41^{\circ}\text{F}$ ) may show a temporary increase from “0” to “1” in the setup menu **[Battery info]** age display, but the display will return to normal once the battery has been recharged at a temperature of about  $20^{\circ}\text{C}$  ( $68^{\circ}\text{F}$ ) or higher.
- Battery capacity drops at low temperatures. The change in capacity with temperature is reflected in the camera battery-level display. As a result, the battery display may show a drop in capacity as the temperature drops, even if the battery is fully charged.
- Batteries may be hot after use. Observe due caution when removing batteries from the camera.

### ● **Charge Batteries Before Use**

Charge the battery before use. The supplied battery is not fully charged at shipment.

### ● **Ready Spare Batteries**

Before taking photographs, ready a spare battery and keep it fully charged. Depending on your location, it may be difficult to purchase replacement batteries on short notice.

### ● **Have Fully-Charged Spare Batteries Ready on Cold Days**

Partially-charged batteries may not function on cold days. In cold weather, charge one battery before use and keep another in a warm place, ready to be exchanged as necessary. Once warmed, cold batteries may recover some of their charge.

### ● **Battery Level**

- Turning the camera on or off repeatedly when the battery is fully discharged will shorten battery life. Batteries that have been fully discharged must be charged before use.
- A marked drop in the time a fully charged battery retains its charge when used at room temperature indicates that it requires replacement. Purchase a new rechargeable battery.

### ● **Do Not Attempt to Charge Fully-Charged Batteries**

Continuing to charge the battery after it is fully charged can impair battery performance.

### ● **Recycling Used Batteries**

Recycle rechargeable batteries in accord with local regulations, being sure to first insulate the terminals with tape.



## **Cautions: Using the Charger**

- Do not move the charger or touch the battery during charging; failure to observe this precaution could in very rare instances result in the charger showing that charging is complete when the battery is only partially charged. Remove and reinsert the battery to begin charging again.
- Do not short the charger terminals. Failure to observe this precaution could result in overheating and damage to the charger.
- Unplug the charger or disconnect the charging AC adapter when the charger is not in use.
- Use the MH-33 with compatible batteries only.
- Do not use chargers with damage that leaves the interior exposed or that produce unusual sounds when used.
- The symbols on this product represent the following:  
⎓ DC

## **Cautions: Using the Charging AC Adapter**

- Latch the battery chamber cover before charging the battery via the charging AC adapter.
- Do not move the camera or touch the battery during charging; failure to observe this precaution could in very rare instances result in the camera showing that charging is complete when the battery is only partially charged. Disconnect and reconnect the adapter to begin charging again.
- Do not short the adapter terminals. Failure to observe this precaution could result in overheating and damage to the charger.
- Unplug the adapter when it is not in use.
- Do not use adapters with damage that leaves the interior exposed or that produce unusual sounds when used.
- The symbols on this product represent the following:  
~ AC, ⎓ DC, □ Class II equipment (the construction of the product is double-insulated)

## Trademarks and Licenses

- CFexpress is a trademark of the CompactFlash Association in the United States and other countries.
- NVM Express is a trademark of NVM Express Inc. in the United States and other countries.
- XQD is a trademark of Sony Corporation.
- Windows is either a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries.
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- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

**HDMI**

- The Bluetooth® word mark and logo are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Nikon is under license.
- Wi-Fi and the Wi-Fi logo are trademarks or registered trademarks of the Wi-Fi Alliance.
- Powered by intoPIX technology.



- All other trade names mentioned in this document or the other documentation provided with your Nikon product are trademarks or registered trademarks of their respective holders.
- Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple products identified in the badge, 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 an Apple product may affect wireless performance.
- This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit.
- The software for this product includes open-source software copyrighted by third parties. The terms of the licenses for this open-source software may be found in the *Reference Guide*.  
<https://downloadcenter.nikonimglib.com/>

## Cautions: Location Data (GPS/GLONASS)

### ● Location Data and Track Logs

- If **[ON]** is selected for **[Location data (built-in)]** > **[Record location data]** in the setup menu or log tracking is in progress, the camera will continue to acquire log and/or location even while off.
- Personal information may be inferred from the location data stored in track logs or embedded in photos and videos. Exercise caution when sharing photos, videos, or track logs or when posting them to the Internet or other locations where they can be viewed by third parties. Be sure to also read “Caution: Disposing of Data Storage Devices” (□53).

### ● Navigation

This product is a camera. It is not intended for use as a navigation or surveying device.

- The location reported by the camera is an approximation only. It is not to be used for surveying or for navigation when travelling by air or car, on foot, or by other means.

### ● Overseas Use

- Before travelling, check with your travel agent or the embassy or tourism board of the countries you will be visiting for information on restrictions that may apply to the use of cameras that support the recording of location data. China, for example, prohibits unauthorized recording of location data. Select **[OFF]** for **[Record location data]**.
- As of October, 2021, the location data function may not perform as expected in China and in the vicinity of the Chinese border.

# Notices

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

### The Battery Charger

**IMPORTANT SAFETY INSTRUCTIONS—SAVE THESE INSTRUCTIONS  
DANGER—TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS**

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

This device complies with part 15 of the FCC Rules. 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.

**Note:** 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/TV 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.

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



**Nikon**

Z 9

## ● Notices for Customers in Europe

**CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**

This symbol indicates that 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.



## Bluetooth and Wi-Fi (Wireless LAN)

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).

The use of wireless devices may be prohibited in some countries or regions. Contact a Nikon-authorized service representative before using the wireless features of this product outside the country of purchase.

The Bluetooth transmitter in this device operates in the 2.4 GHz band.

### ● **Notice for Customers in the U.S.A. and Canada**

This device complies with part 15 of FCC Rules and Innovation, Science and Economic Development 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 WARNING**

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.



### **Compliance with FCC requirement 15.407(c)**

Data transmission is always initiated by software, which is then passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinues transmission in case of either absence of information to transmit or operational failure.

Frequency Tolerance:  $\pm 20$  ppm

### **FCC Radio Frequency Interference Statement**

Note: 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/TV technician for help.

### **Co-location**

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

Nikon Inc., 1300 Walt Whitman Road, Melville, New York 11747-3064, U.S.A.  
Tel.: 631-547-4200

### **FCC/ISED RF Exposure Statement**

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/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules. Please refer to the SAR test report that was uploaded to FCC website.

### **Compliance with RSS-247 Issue 2 §6.4**

Data transmission is always initiated by software, which is the passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinues transmission in case of either absence of information to transmit or operational failure.

### **● Notice for Customers in Canada**

For indoor use only (5150-5350MHz).

## ● Notice for Customers in Europe and in Countries Complying with the Radio Equipment Directive

Hereby, Nikon Corporation declares that the radio equipment type Z 9 is in compliance with Directive 2014/53/EU.

The full texts of the EU declarations of conformity are available at the following internet addresses:

[https://imaging.nikon.com/support/pdf/DoC\\_N2014.pdf](https://imaging.nikon.com/support/pdf/DoC_N2014.pdf)



### Wi-Fi

- Operating frequency:
  - 2412–2462 MHz (channel 11; Africa, Asia, and Oceania)
  - 2412–2462 MHz (channel 11) and 5180–5825 MHz (U.S.A., Canada, Mexico)
  - 2412–2462 MHz (channel 11) and 5180–5805 MHz (other countries in the Americas)
  - 2412–2462 MHz (channel 11) and 5745–5805 MHz (Georgia)
  - 2412–2462 MHz (channel 11) and 5180–5320 MHz (other European countries)
- Maximum output power (EIRP):
  - 2.4 GHz band: 8.4 dBm
  - 5 GHz band: 6.0 dBm (Georgia)
  - 5 GHz band: 9.0 dBm (other countries)

### Bluetooth

- Operating frequency:
  - Bluetooth: 2402–2480 MHz
  - Bluetooth Low Energy: 2402–2480 MHz
- Maximum output power (EIRP):
  - Bluetooth: 2.9 dBm
  - Bluetooth Low Energy: 1.4 dBm

## ● Notice for Customers in the UK

Hereby, Nikon Corporation declares that the radio equipment type Z 9 is in compliance with Radio Equipment Regulations 2017. The full text of the UKCA declaration of conformity is available at the following internet address:

[https://imaging.nikon.com/support/pdf/UKCA\\_DoC\\_N2014.pdf](https://imaging.nikon.com/support/pdf/UKCA_DoC_N2014.pdf)



### Wi-Fi

- Operating frequency:
  - 2412–2462 MHz (channel 11) and 5180–5320 MHz
- Maximum output power (EIRP):
  - 2.4 GHz band: 8.4 dBm
  - 5 GHz band: 9.0 dBm

### Bluetooth

- Operating frequency:
  - Bluetooth: 2402–2480 MHz
  - Bluetooth Low Energy: 2402–2480 MHz
- Maximum output power (EIRP):
  - Bluetooth: 2.9 dBm
  - Bluetooth Low Energy: 1.4 dBm

## ● Notice for Customers in Europe and the UK Regarding the EH-7P Charging AC Adapter

### • Importer for EU Countries

Nikon Europe B.V.

The Garden, Stroombaan 14, 1181 VX Amstelveen,

The Netherlands

+31-20-7099-000

Commercial registration number: 34036589

Importer for the UK: Nikon UK, Branch of Nikon Europe BV with Chamber of Commerce : BR022801

1 The Crescent, Surbiton, Surrey, KT6 4BN, United Kingdom

### • Manufacturer

NIKON CORPORATION

Shinagawa Intercity Tower C, 2-15-3, Konan, Minato-ku, Tokyo 108-6290  
Japan

- **Rated output:** DC 5.0 V/3.0 A, 15.0 W
- **Average active efficiency:** 81.80%
- **Efficiency at low load (10%):** 72.50%
- **No-load power consumption:** 0.075 W



## ● Notice for Customers in Singapore

Trade Name: **Nikon**  
Model: Z 9

This device complies with radio-frequency regulations. The content of certification labels not affixed to the device is given below.

Complies with  
IMDA Standards  
DA103423

## ● Notice for Customers in Nigeria

Connection and use of this communications  
equipment is permitted by the Nigerian  
Communications Commission

## ● 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.
- Unsecured networks: Connecting to open networks may result in unauthorized access. Use secure networks only.

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## 🔍 Conformity Marking

The standards with which the camera complies can be viewed using the [**Conformity marking**] option in the setup menu.

## Certificates

### • Maroc/

المغرب

AGREE PAR L'ANRT MAROC  
Numéro d'agrément :  
MR00029511ANRT2021



### • México

La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

### • Paraguay



#### **Emap S.A. (Casa Nissei)**

Avda Adrian Jara, Esq. Regimiento Piribebuy, Ciudad del Este, Paraguay.

Tel: 595 61 500 115

Fax: 595 61 500 115

### • ประเทศไทย

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิคของ กสทช

• عُمان

Oman-TRA

D090024

TRA/TA-R/11808/21

# Warranty Terms - Nikon Europe Service Warranty

Dear Nikon Customer,

We thank you for your purchasing this Nikon product. Should your Nikon product require warranty service, please contact the dealer from whom it was purchased or a member of our authorized service network within the sales territory of Nikon Europe B.V. (e.g. Europe/Russia/others). See details under:

*<https://www.europe-nikon.com/support>*

In order to avoid any unnecessary inconvenience, we advise you to read the user manuals carefully before contacting the dealer or our authorized service network.

Your Nikon equipment is guaranteed against any manufacturing defects for one full year from the date of original purchase. If during this period of guarantee the product proves defective due to improper material or workmanship, our authorized service network within the sales territory of Nikon Europe B.V. will, without charge for labor and parts, repair the product in the terms and conditions set as below. Nikon reserves the right (at its sole discretion) to replace or repair the product.

1. This warranty is only provided upon presentation of the completed warranty card and original invoice or purchase receipt indicating the date of purchase, product type and dealer's name, together with the product. Nikon reserves the right to refuse free-of-charge warranty service if the above documents cannot be presented or if the information contained in it is incomplete or illegible.

2. This warranty will not cover:
  - necessary maintenance and repair or replacement of parts due to normal wear and tear.
  - modifications to upgrade the product from its normal purpose as described in user manuals, without the prior written consent of Nikon.
  - transport costs and all risks of transport relating directly or indirectly to the warranty of the products.
  - any damage resulting from modifications or adjustments which may be made to the product, without the prior written consent of Nikon, in order to comply with local or national technical standards in force in any other country than the ones for which the product was originally designed and/or manufactured.
3. The warranty will not be applicable in the case of:
  - damage caused by misuse including but not limited to failure to use the product for its normal purpose or according to the user instructions on the proper use and maintenance, and to installation or use of the product inconsistent with the safety standards in force in the country where it is used.
  - damage caused by accidents including but not limited to lightning, water, fire, misuse or neglect.
  - defacing, illegibility or removal of the model or serial number on the product.
  - damage resulting from repairs or adjustments which have been conducted by unauthorized service organizations or persons.
  - defects in any system into which the product is incorporated or with which it is used.



4. This service warranty does not affect the consumer's statutory rights under applicable national laws in force, nor the consumer's right against the dealer arising from their sales/purchase contract.

**Notice:** An overview of all authorized Nikon Service Stations can be found online by following this Link  
(URL = <https://www.europe-nikon.com/service/>).

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