Nikon

DIGITAL CAMERA

D3500

User's Manual (with Warranty)

NIKON CORPORATION
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with WARRANTY

D3500 Model Name: N1718

Camera Manuals

The following manuals are available for your Nikon camera:

■ *The User's Manual*
The *User's Manual* (this manual) describes basic shooting and playback.

■ *Online Manuals*
More detailed instructions are available on the Nikon website.
• **To download manuals in pdf format,** visit the Nikon Download Center.
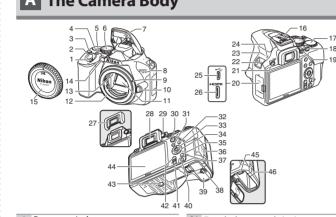*http://downloadcenter.nikonimglib.com/en/products/471/D3500.html*

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• **To view manuals online in html format,** visit:
http://onlinemanual.nikonimglib.com/d3500/en/

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Package Contents

❏ D3500 camera
❏ DK-25 rubber eyecup (comes attached to camera)
❏ BF-1B body cap
❏ EN-EL14a rechargeable Li-ion battery (with terminal cover)
❏ MH-24 battery charger (plug adapter supplied in countries or regions where required; shape depends on country of sale)

❏ AN-DC3 strap
❏ *User's Manual* (this sheet)
❏ Warranty (see left)

Memory cards are sold separately. Purchasers of lens kits should confirm that the package contains a lens (manuals for the lens may also be provided).

A The Camera Body

1	Power switch
2	Shutter-release button
3	⚙/⏱ button
4	Movie-record button
5	Live view switch
6	Mode dial
7	Built-in flash
8	Microphone (monaural)
9	Mounting mark
10	Lens release button
11	Mirror
12	Lens mount
13	CPU contacts
14	AF-assist illuminator / Self-timer lamp / Red-eye reduction lamp
15	Body cap
16	Accessory shoe (for optional flash units)
17	Command dial
18	⚡/⚙ button
19	ⓘ (information) button
20	Connector cover
21	⚡/⚙ button
22	Eyelets for camera strap
23	Speaker
24	Focal plane mark (⊖)
25	USB connector
26	HDMI connector
27	Rubber eyecup (comes attached to camera)
28	Viewfinder eyepiece
29	Diopter adjustment control
30	▶ button
31	MENU button
32	ⓘ button
33	⊛ (OK) button
34	Multi selector
35	⚙/🗑 button
36	Memory card slot cover
37	Memory card access lamp
38	Battery-chamber cover latch
39	Battery-chamber cover
40	🗑 button
41	⚙⊕/? button
42	⚙ button
43	Tripod socket
44	Monitor
45	Battery latch
46	Power connector cover for optional power connector

📖 **The Multi Selector**
In this manual, operations using the multi selector are represented by ⬆, ⬇, ◀, and ▶ icons.

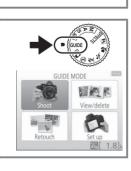• ⬆: Press the multi selector up
• ⬇: Press the multi selector down
• ◀: Press the multi selector left
• ▶: Press the multi selector right
• ⊛ button: select highlighted item

📖 **GUIDE Mode**
When the mode dial is rotated to **GUIDE**, you can shoot, view, retouch, and delete photographs and set up the camera using a convenient on-screen guide. See the online camera manual for more information.

B Quick Start Guide

Attach the Camera Strap

A strap is supplied with the camera; additional straps are available separately. Attach the strap securely to the two camera eyelets.
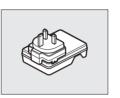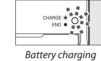

Charge the Battery

In some countries or regions, charger may be supplied with adapter connected.

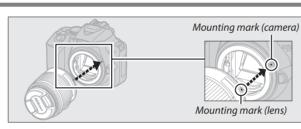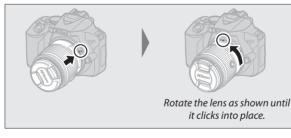The **CHARGE** lamp will flash while the battery charges.

Battery charging　　*Charging complete*

Insert the Battery and a Memory Card

Attach a Lens

Mounting mark (camera)
Mounting mark (lens)

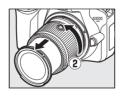*Rotate the lens as shown until it clicks into place.*

📖 **Lenses with Retractable Lens Barrel Buttons**
Before using the camera, unlock and extend the lens. Keeping the retractable lens barrel button pressed (①), rotate the zoom ring as shown (②).

Retractable lens barrel button

Pictures cannot be taken when the lens is retracted; if an error message is displayed as a result of the camera having been turned on with the lens retracted, rotate the zoom ring until the message is no longer displayed.

📖 **Removing Lenses**
To remove the lens, turn the camera off and press and hold the lens-release button on the front of the camera while rotating the lens in the direction opposite that shown above.

Camera Setup

1 **Turn the camera on.**
A language-selection dialog will be displayed; press ⬆ and ⬇ to highlight a language and press ⊛ to select. The languages available vary with the country or region of sale.

2 **Set the camera clock.**
After setting time zone, date format, and daylight saving time options, use the multi selector and ⊛ button to set the camera clock.
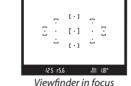

Focus the Viewfinder

After removing the lens cap, rotate the diopter adjustment control until the focus points are in sharp focus. When operating the control with your eye to the viewfinder, be careful not to put your fingers or fingernails in your eye.

Viewfinder not in focus　　*Viewfinder in focus*

C "Point-and-Shoot" Modes (🅰️ and ⚡)

1 **Rotate the mode dial to 🅰️ or ⚡.**

2 **Frame the photograph.**

3 **Press the shutter-release button halfway to focus.**

4 **Smoothly press the shutter-release button the rest of the way down to take the photograph.**

D Recording Movies

1 **Rotate the live view switch.**
The view through the lens will be displayed in the monitor.

Live view switch

2 **Press the shutter-release button halfway to focus.**

3 **Press the movie-record button to start recording.**

A recording indicator and the time available are displayed in the monitor.

Movie-record button
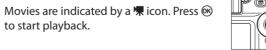*Time remaining*

Recording indicator

4 **Press the movie-record button again to end recording.**

5 **Rotate the live view switch to exit live view.**

E Viewing Photographs

Pressing ▶ displays a picture in the monitor.

Movies are indicated by a 🎬 icon. Press ⊛ to start playback.

▶ button

F Deleting Unwanted Photographs

Note that photographs cannot be recovered once deleted.

• Press the 🗑 button. A confirmation dialog will be displayed; press the 🗑 button again to delete the image and return to playback.
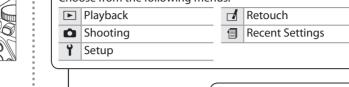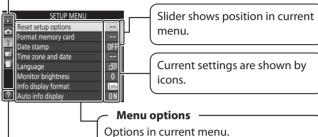• To exit without deleting the picture, press ▶.

🗑 button

G Camera Menus

Most shooting, playback, and setup options can be accessed from the camera menus. To view the menus, press the MENU button.

Tabs
Choose from the following menus:

▶	Playback	✎	Retouch
📷	Shooting	🕘	Recent Settings
🔧	Setup		

Slider shows position in current menu.

Current settings are shown by icons.

Menu options
Options in current menu.

Help icon
If the help icon is displayed, you can press the ⚙⊕ (**?**) button to view help for the currently selected item.

H Connecting to Smart Devices with SnapBridge

Instal the SnapBridge app to your smart device to download pictures from the camera or control the camera remotely. For more information, see the online camera manual.

Readying the Smart Device

Before connecting, ready your smart device by installing the SnapBridge app and enabling Bluetooth.

1 Search for "snapbridge" on the Apple App Store® (iOS) or Google Play™ (Android™) and install the SnapBridge app.

> Download on the App Store
> GET IT ON Google Play

Information on supported operating systems is available from the download site. This camera is not compatible with the SnapBridge 360/170 app.

2 Enable Bluetooth on the smart device. Note that the actual connection to the camera will be made using the SnapBridge app; do not attempt to connect using the Settings app on your device.

Pairing and Connecting

Before pairing, confirm that there is space available on the camera memory card. To prevent unexpected interruptions, you should also check that the camera battery is fully charged.

1 Highlight **Connect to smart device** in the setup menu and press ▶.

2 Follow the instructions displayed on the camera and in the SnapBridge app, to complete setup.
See SnapBridge online help for detailed setup information (additional information is also available in the online camera manual). For information on SnapBridge online help, visit:
https://nikonimglib.com/snbr/onlinehelp/en/index.html

Caring for the Camera

■ *Storage*
When the camera will not be used for an extended period, turn the camera off and remove the battery. Do not store 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
• are exposed to temperatures above 50 °C (122 °F) or below –10 °C (14 °F)

■ *Cleaning*

Camera Body
Use a blower to remove dust and lint, then wipe gently with a soft, dry cloth. After using the camera at the beach or seaside, wipe off sand or salt with a cloth lightly dampened in distilled water and dry thoroughly.
Important: Dust or other foreign matter inside the camera may cause damage not covered under warranty.

Lens, Mirror, 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. To remove fingerprints and other stains, apply a small amount of lens cleaner to a soft cloth and clean with care.

Monitor
Remove dust and lint with a blower. When removing fingerprints and other stains, wipe the surface lightly with a soft cloth or chamois leather. Do not apply pressure, as this could result in damage or malfunction.
* Do not use alcohol, thinner, or other volatile chemicals.

Troubleshooting

■ *Battery/Display*
The camera is on but does not respond: Wait for recording to end. If the problem persists, turn the camera off. If the camera does not turn off, remove and reinsert the battery.

Viewfinder is out of focus: Focus the viewfinder using the diopter adjustment control.

■ *Shooting (All Modes)*
Shutter-release disabled:
• Memory card is locked, full, or not inserted.
• Camera is not in focus.

Photos are out of focus: The camera may be unable to focus on subjects that are low in contrast, dominated by regular geometric patterns, or dwarfed by objects in the background, or that include objects at different distances from the camera, areas of sharply contrasting brightness, or many fine details.

■ *Playback*
Cannot view pictures recorded with other cameras: Pictures recorded with other makes of camera may not be display correctly.

Some pictures are not displayed during playback: Select **All** for **Playback folder**.

Cannot delete picture: Memory card is locked.

Specifications

■ *Nikon D3500 Digital Camera*

Type	
Type	Single-lens reflex digital camera
Lens mount	Nikon F mount (with AF contacts)
Effective angle of view	Nikon DX format; focal length equivalent to approx. 1.5× that of lenses with FX format angle of view

Effective pixels	
Effective pixels	24.2 million

Image sensor	
Image sensor	23.5 × 15.6 mm CMOS sensor
Total pixels	24.78 million
Dust-reduction System	Image Dust Off reference data (Capture NX-D software required)

Storage	
Image size (pixels)	• 6000 × 4000 (Large: 24.0 M) • 4496 × 3000 (Medium: 13.5 M) • 2992 × 2000 (Small: 6.0 M)
File format	• **NEF (RAW):** 12 bit, compressed • **JPEG:** JPEG-Baseline compliant with fine (approx. 1 : 4), normal (approx. 1 : 8), or basic (approx. 1 : 16) compression • **NEF (RAW)+JPEG:** Single photograph recorded in both NEF (RAW) and JPEG formats
Picture Control System	Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, Flat; selected Picture Control can be modified
Media	SD (Secure Digital) and UHS-I compliant SDHC and SDXC memory cards
File system	DCF 2.0, Exif 2.3, PictBridge

Viewfinder	
Viewfinder	Eye-level pentamirror single-lens reflex viewfinder
Frame coverage	Approx. 95% horizontal and 95% vertical
Magnification	Approx. 0.85× (50 mm f/1.4 lens at infinity, –1.0 m⁻¹)
Eyepoint	18 mm (–1.0 m⁻¹; from center surface of viewfinder eyepiece lens)
Diopter adjustment	–1.7–+0.5 m⁻¹
Focusing screen	Type B BriteView Clear Matte Mark VII screen
Reflex mirror	Quick return
Lens aperture	Instant return, electronically controlled

Lens	
Autofocus support	Autofocus is available with AF-P and type E and G AF-S lenses.

Shutter	
Type	Electronically-controlled vertical-travel focal-plane shutter
Speed	¹/₄₀₀₀–30 s in steps of ¹/₃ EV; Bulb; Time
Flash sync speed	X = ¹/₂₀₀ s; synchronizes with shutter at ¹/₂₀₀ s or slower

Release	
Release mode	☐ (single frame), ☐ (continuous), ☐ (quiet shutter release), ⏱ (self-timer)
Frame advance rate	Up to 5 fps **Note:** Frame rates assume manual focus, manual or shutter-priority auto exposure, a shutter speed of ¹/₂₅₀ s or faster, and other settings at default values.
Self-timer	2 s, 5 s, 10 s, 20 s; 1–9 exposures

Exposure

Metering mode	TTL exposure metering using 420-pixel RGB sensor
Metering method	• **Matrix metering:** 3D color matrix metering II • **Center-weighted metering:** Weight of 75% given to 8-mm circle in center of frame • **Spot metering:** Meters 3.5-mm circle (about 2.5% of frame) centered on selected focus point
Range (ISO 100, f/1.4 lens, 20 °C/68 °F)	• **Matrix or center-weighted metering:** 0–20 EV • **Spot metering:** 2–20 EV
Exposure meter coupling	CPU
Mode	Auto modes (🅰 auto; 🄵 auto, flash off); programmed auto with flexible program (P); shutter-priority auto (S); aperture-priority auto (A); manual (M); scene modes (🖼 portrait; 🏔 sports; 🌷 close up; 🌙 night portrait); special effects modes (🌙 night vision; Ⅵ super vivid; 💥 pop; 🖌 photo illustration; 🎨 toy camera effect; 🔷 miniature effect; ✏ selective color; 🔲 silhouette; 🔆 high key; 🌑 low key)
Exposure compensation	Can be adjusted by –5~+5 EV in increments of ⅓ EV in P, S, A, M, scene, and 🔅 modes
Exposure lock	Luminosity locked at detected value with 🔒 (O-¬) button
ISO sensitivity (Recommended Exposure Index)	ISO 100–25600 in steps of 1 EV. Auto ISO sensitivity control available
Active D-Lighting	On, off

Focus

Autofocus	Nikon Multi-CAM 1000 autofocus sensor module with TTL phase detection, 11 focus points (including one cross-type sensor), and AF-assist illuminator (range approx. 0.5–3 m/1 ft 8 in.–9 ft 10 in.)
Detection range	–1–+19 EV (ISO 100, 20 °C/68 °F)
Lens servo	• **Autofocus (AF):** Single-servo AF (AF-S); continuous-servo AF (AF-C); auto AF-S/AF-C selection (AF-A); predictive focus tracking activated automatically according to subject status • **Manual focus (MF):** Electronic rangefinder can be used
Focus point	Can be selected from 11 focus points
AF-area mode	Single-point AF, dynamic-area AF, auto-area AF, 3D-tracking (11 points)
Focus lock	Focus can be locked by pressing shutter-release button halfway (single-servo AF) or by pressing 🔒 (O-¬) button

Flash

Built-in flash	🅰, 🄵, 🖼, 🌷, Ⅵ, P, 🔆, 🌑: Auto flash with auto pop-up P, S, A, M: Manual pop-up with button release
Guide Number	Approx. 7/22, 8/26 with manual flash (m/ft, ISO 100, 20 °C/68 °F)
Flash control	TTL: i-TTL flash control using 420-pixel RGB sensor is available with built-in flash; i-TTL balanced fill-flash for digital SLR is used with matrix and center-weighted metering, standard i-TTL flash for digital SLR with spot metering
Flash mode	Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain with slow sync, rear-curtain sync, off
Flash compensation	Can be adjusted by –3~+1 EV in increments of ⅓ EV in P, S, A, M, and scene modes
Flash-ready indicator	Lights when built-in flash or optional flash unit is fully charged; flashes after flash is fired at full output
Accessory shoe	ISO 518 hot-shoe with sync and data contacts and safety lock
Nikon Creative Lighting System (CLS)	i-TTL flash control, optical Advanced Wireless Lighting, Color Information Communication, AF-assist for multi-area AF
Sync terminal	AS-15 sync terminal adapter (available separately)

White balance

White balance	Auto, incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine-tuning

Live view

Lens servo	• **Autofocus (AF):** Single-servo AF (AF-S); full-time-servo AF (AF-F) • **Manual focus (MF)**
AF-area mode	Face-priority AF, wide-area AF, normal-area AF, subject-tracking AF
Autofocus	Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)
Automatic scene selection	Available in 🅰 and 🄵 modes

Movie

Metering	TTL exposure metering using main image sensor
Metering method	Matrix
Frame size (pixels) and frame rate	• 1920 × 1080; 60p (progressive), 50p, 30p, 25p, 24p • 1280 × 720; 60p, 50p Actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively; options support both ✖ high and normal image quality
File format	MOV
Video compression	H.264/MPEG-4 Advanced Video Coding
Audio recording format	Linear PCM
Audio recording device	Built-in monaural microphone; sensitivity adjustable
ISO sensitivity	ISO 100–25600

Monitor

Monitor	7.5-cm (3-in.), approx. 921k-dot (VGA) TFT LCD with 170 ° viewing angle, approx. 100% frame coverage, and brightness adjustment

Playback

Playback	Full-frame and thumbnail (4, 9, or 72 images or calendar) playback with playback zoom, playback zoom cropping, playback face zoom, movie playback, photo and/or movie slide shows, histogram display, highlights, photo information, location data display, auto image rotation, picture rating, and image comment (up to 36 characters)

Interface

USB	Hi-Speed USB with Micro-USB connector; connection to built-in USB port is recommended
HDMI output	Type C HDMI connector

Bluetooth

Communication protocols	Bluetooth Specification Version 4.1
Operating frequency	• **Bluetooth:** 2402–2480 MHz • **Bluetooth Low Energy:** 2402–2480 MHz
Maximum output power	• **Bluetooth:** 1.2 dBm (EIRP) • **Bluetooth Low Energy:** 1.2 dBm (EIRP)
Range (line of sight)	Approximately 10 m (32 ft) without interference; range may vary with signal strength and presence or absence of obstacles

Power source

Battery	One EN-EL14a rechargeable Li-ion battery
AC adapter	EH-5c/EH-5b AC adapter; requires EP-5A power connector (available separately)

Tripod socket

Tripod socket	¼ in. (ISO 1222)

Dimensions/weight

Dimensions (W × H × D)	Approx. 124 × 97 × 69.5 mm (4.9 × 3.9 × 2.8 in.)
Weight	Approx. 415 g (14.7 oz) with battery and memory card but without body cap; approx. 365 g/12.9 oz (camera body only)

Operating environment

Temperature	0 °C–40 °C (+32 °F–104 °F)
Humidity	85% or less (no condensation)

• Unless otherwise stated, all measurements are performed in conformity with Camera and Imaging Products Association (CIPA) standards or guidelines.
• All figures are for a camera with a fully-charged battery.
• The sample images displayed on the camera and the images and illustrations in the manual are for expository purposes only.
• Nikon reserves the right to change the appearance and specifications of the hardware and software described in this manual at any time and without prior notice. Nikon will not be held liable for damages that may result from any mistakes that this manual may contain.

MH-24 Battery Charger

Rated input	AC 100–240 V, 50/60 Hz, 0.2 A maximum
Rated output	DC 8.4 V/0.9 A
Supported batteries	Nikon EN-EL14a rechargeable Li-ion batteries
Charging time	Approx. 1 hour and 50 minutes at an ambient temperature of 25 °C (77 °F) when no charge remains
Operating temperature	0 °C–40 °C (+32 °F–104 °F)
Dimensions (W × H × D)	Approx. 70 × 26 × 97 mm (2.8 × 1.0 × 3.8 in.), excluding plug adapter
Weight	Approx. 96 g (3.4 oz), excluding plug adapter

The symbols on this product represent the following:
~AC, ⎓DC, 回Class II equipment (The construction of this product is double-insulated.)

❚❚ EN-EL14a Rechargeable Li-ion Battery

Type	Rechargeable lithium-ion battery
Rated capacity	7.2 V/1230 mAh
Operating temperature	0°C–40 °C (+32 °F–104 °F)
Dimensions (W × H × D)	Approx. 38 × 53 × 14 mm (1.5 × 2.1 × 0.6 in.)
Weight	Approx. 49 g (1.7 oz), excluding cover

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

✅ Battery Life
The movie footage or number of shots that can be recorded with fully-charged batteries varies with the condition of the battery, temperature, the interval between shots, and the length of time menus are displayed. Sample figures for EN-EL14a (1230 mAh) batteries are given below.
• **Photographs, single-frame release mode (CIPA standard):** Approximately 1550 shots
• **Movies:** Approximately 75 minutes at 1080/60p

❚❚ Lenses
This section provides lens specifications for purchasers of lens kits. Note that some of the lenses below may not be available in all countries or regions.

AF-P DX NIKKOR 18–55mm f/3.5–5.6G VR Lenses

Type	Type G AF-P DX lens with built-in CPU and F mount
Focal length	18–55 mm
Maximum aperture	f/3.5–5.6
Lens construction	12 elements in 9 groups (2 aspherical lens elements)
Angle of view	76°–28° 50´
Focal length scale	Graduated in millimeters (18, 24, 35, 45, 55)
Distance information	Output to camera
Zoom	Manual zoom using independent zoom ring
Focusing	Autofocus controlled by stepping motor; separate focus ring for manual focus
Vibration reduction	Lens shift using voice coil motors (VCMs)
Minimum focus distance	0.25 m (0.9 ft) from focal plane at all zoom positions
Diaphragm blades	7 (rounded diaphragm opening)
Diaphragm	Fully automatic
Aperture range	• **18 mm focal length:** f/3.5–22 • **55 mm focal length:** f/5.6–38 The minimum aperture displayed may vary depending on the size of the exposure increment selected with the camera.
Metering	Full aperture
Filter-attachment size	55 mm (P = 0.75 mm)
Dimensions	Approx. 64.5 mm maximum diameter × 62.5 mm (distance from camera lens mount flange when lens is retracted)
Weight	Approx. 205 g (7.3 oz)

AF-P DX NIKKOR 70–300mm f/4.5–6.3G ED VR and AF-P DX NIKKOR 70–300mm f/4.5–6.3G ED Lenses

Type	Type G AF-P DX lens with built-in CPU and F mount
Focal length	70–300 mm
Maximum aperture	f/4.5–6.3
Lens construction	14 elements in 10 groups (including 1 ED lens element)
Angle of view	22° 50´–5° 20´
Focal length scale	Graduated in millimeters (70, 100, 135, 200, 300)
Distance information	Output to camera
Zoom	Manual zoom using independent zoom ring
Focusing	Autofocus controlled by stepping motor; separate focus ring for manual focus
Vibration reduction (AF-P DX NIKKOR 70–300mm f/4.5–6.3G ED VR only)	Lens shift using voice coil motors (VCMs)
Minimum focus distance	1.1 m (3.7 ft) from focal plane at all zoom positions
Diaphragm blades	7 (rounded diaphragm opening)
Diaphragm	Fully automatic

Aperture range (continued)

Aperture range	• **70 mm focal length:** f/4.5–22 • **300 mm focal length:** f/6.3–32 The minimum aperture displayed may vary depending on the size of the exposure increment selected with the camera.
Metering	Full aperture
Filter-attachment size	58 mm (P = 0.75 mm)
Dimensions	Approx. 72 mm maximum diameter × 125 mm (distance from camera lens mount flange)
Weight	• **AF-P DX NIKKOR 70–300mm f/4.5–6.3G ED VR:** Approx. 415 g (14.7 oz) • **AF-P DX NIKKOR 70–300mm f/4.5–6.3G ED:** Approx. 400 g (14.2 oz)

⚠ 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 this product off when its use is prohibited. 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 transport cameras or lenses with tripods or similar accessories attached.**
Failure to observe this precaution could result in injury or product malfunction.

⚠ 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.
• **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.

⚠ WARNING (Batteries)

• **Keep batteries out of reach of children.**
Should a child swallow a battery, seek immediate medical attention.
• **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-EL14a 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.
• **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.

Notices

Notice for Customers in Canada
CAN ICES-3 B / NMB-3 B

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.

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
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. This power unit is intended to be correctly oriented in a vertical or floor mount position.

Federal Communications Commission (FCC) Radio Frequency Interference Statement

FC℃ **Nikon D3500**

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.

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 Concerning Prohibition of Copying or Reproduction
Note that simply being in possession of material that has been digitally copied or reproduced by means of a scanner, digital camera, or other device may be punishable by law.
• **Items prohibited by law from being copied or reproduced**
Do not copy or reproduce paper money, coins, securities, government bonds, or local government bonds, even if such copies or reproductions are stamped "Sample."
The copying or reproduction of paper money, coins, or securities which are circulated in a foreign country is prohibited.
Unless the prior permission of the government has been obtained, the copying or reproduction of unused postage stamps or post cards issued by the government is prohibited.
The copying or reproduction of stamps issued by the government and of certified documents stipulated by law is prohibited.
• **Cautions on certain copies and reproductions**
The government has issued cautions on copies or reproductions of securities issued by private companies (shares, bills, checks, gift certificates, etc.), commuter passes, or coupon tickets, except when a minimum of necessary copies are to be provided for business use by a company. Also, do not copy or reproduce passports issued by the government, licenses issued by public agencies and private groups, ID cards, and tickets, such as passes and meal coupons.
• **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.

Disposing of Data Storage Devices
Please note that deleting images 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 images containing no private information (for example, pictures of empty sky). Care should be taken to avoid injury when physically destroying data storage devices. Be sure to also replace any pictures selected for preset manual white balance.
Before discarding the camera or transferring ownership to another person, you should also use the **Reset all settings** option in the camera setup menu to delete network settings and other personal information.

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

Use Only Nikon Brand Electronic Accessories
Nikon cameras are designed to the highest standards and include complex electronic circuitry. Only Nikon brand electronic accessories (including 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.

✅ Use Only Nikon Brand Accessories
Only Nikon brand accessories certified by Nikon specifically for use with your Nikon digital camera are engineered and proven to operate within its operational and safety requirements. THE USE OF NON-NIKON ACCESSORIES COULD DAMAGE YOUR CAMERA AND MAY VOID YOUR NIKON WARRANTY.

✅ 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.:** http://www.nikonusa.com/
• **For users in Europe and Africa:** http://www.europe-nikon.com/support/
• **For users in Asia, Oceania, and the Middle East:** http://www.nikon-asia.com/
Visit these sites to keep up-to-date with the latest product information, tips, answers to frequently-asked questions (FAQs), and general advice on digital imaging and photography. Additional information may be available from the Nikon representative in your area. See the following URL for contact information: http://imaging.nikon.com/

Bluetooth
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.

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.

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 effect. 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.

Notices for Customers in Europe
Hereby, Nikon Corporation declares that the radio equipment type D3500 is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
http://imaging.nikon.com/support/pdf/DoC_N1718.pdf.

Notice for Customers in Singapore
Trade Name:	**Nikon**
Model:	**D3500**

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

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.

✅ Certificates

• **Indonesia**	57022/SDPPI/2018 4593	**الأردن** TRC/LPD/2018/168
• **México** IFETEL: RCPMUTY16-0164 TYPE1FJ 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.	**OMAN-TRA** R/5684/18 D090024	**عُمان** **الإمارات العربية المتحدة** TRA REGISTERED No: ER45170/16 DEALER No: DA39487/15
• **Maroc/**	**AGREE PAR L'ANRT MAROC** Numéro d'agrément : MR 16745 ANRT 2018	**المغرب**

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