

Nikon D5500

Nikon D5500 DX-format Digital SLR Camera Body Instruction Manual

Model: D5500 | Brand: Nikon

1. INTRODUCTION AND OVERVIEW

The Nikon D5500 is a compact DX-format Digital SLR camera designed for capturing high-quality photos and Full HD videos. It features a 24.2MP CMOS sensor without an optical low-pass filter, powered by an EXPEED 4 image processor. Key functionalities include a 3.2-inch vari-angle touchscreen, built-in Wi-Fi for easy sharing, and continuous shooting up to 5 frames per second. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your D5500 camera.

2. WHAT'S IN THE BOX

Upon unboxing your Nikon D5500, please ensure all the following items are present:

- D5500 DX-format Digital SLR Body (Black)
- EN-EL14a Rechargeable Li-ion Battery
- MH-24 Quick Charger
- DK-25 Rubber Eyecup
- UC-E23 USB Cable
- EG-CP16 Audio Video Cable
- AN-DC3 Camera Strap
- BF-1B Body Cap
- Nikon View NX2 CD-ROM

3. KEY FEATURES

The Nikon D5500 offers a range of features designed to enhance your photography experience:

- 24.2 MP DX-format CMOS sensor with no optical low-pass filter (OLPF)
- 39-point Autofocus (AF) system
- 5 frames per second continuous shooting
- ISO 100 - 25,600 sensitivity range
- High-resolution, vari-angle LCD with smartphone-like touchscreen interface
- 1080/60p HD video capabilities for fast-moving subjects or slow-motion effects
- Built-in Wi-Fi and smartphone compatibility for instant sharing

4. SETUP

4.1 Attaching the Lens

To attach a lens, align the mounting mark on the lens with the lens mounting mark on the camera body. Rotate the lens counter-clockwise until it clicks into place. Ensure the lens is securely fastened before use.

4.2 Inserting the Battery and Memory Card

Open the battery chamber cover and insert the EN-EL14a rechargeable Li-ion battery with the correct orientation. Close the cover. Open the memory card slot cover and insert a compatible SD/SDHC/SDXC card until it clicks. Close the cover.

4.3 Charging the Battery

Use the supplied MH-24 Quick Charger to charge the EN-EL14a battery. Connect the charger to a power outlet and insert the battery. The charging indicator will show the charging status. A full charge typically takes approximately 1.5 hours.

5. OPERATING INSTRUCTIONS

5.1 Camera Controls and Display

Familiarize yourself with the camera's physical controls and the vari-angle touchscreen display. The D5500 features an intuitive layout for easy access to common settings.



Figure 1: Rear view of the Nikon D5500 camera, showing the vari-angle touchscreen LCD and control buttons on the right side, including the 'OK' button, zoom in/out, and delete buttons. The 'MENU' button is visible on the left side of the viewfinder.



Figure 2: Top view of the Nikon D5500 camera, highlighting the mode dial with settings like P, S, A, M, Auto, Scene, and Effects. The power switch, shutter button, and command dial are also visible.

5.2 Basic Photography

To take a photo, turn the camera on using the power switch. Select your desired shooting mode using the mode dial (e.g., Auto for beginners, P/S/A/M for advanced control). Frame your shot using the viewfinder or the vari-angle touchscreen. Press the shutter button halfway to focus, then press fully to capture the image.

5.3 Using the Vari-Angle Touchscreen

The 3.2-inch vari-angle touchscreen allows for flexible shooting angles and intuitive control. You can tap to focus and shoot, navigate menus, and review images with familiar smartphone-like gestures (pinch-to-zoom). The screen can be flipped out and rotated for various perspectives, including self-portraits.

5.4 Video Recording

The D5500 supports Full HD 1080p video recording at 60 frames per second. To start recording, switch to Live View mode and press the dedicated movie-record button. The camera's full-time autofocus helps keep moving subjects sharp during video capture.

5.5 Wi-Fi Connectivity

Utilize the built-in Wi-Fi to transfer photos and videos to a compatible smartphone or tablet for instant sharing. Your smart device can also function as an external monitor and remote control for the camera.

5.6 Product Overview Video

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Video 1: This video provides a general overview of the Nikon D5500, highlighting its features and creative possibilities. It demonstrates how the camera's design and technology can enhance your photography and video recording experience.

6. MAINTENANCE

6.1 Cleaning the Camera

Use a soft, lint-free cloth to clean the camera body. For the lens and LCD screen, use specialized cleaning solutions and cloths designed for optical surfaces. Avoid using harsh chemicals or abrasive materials.

6.2 Battery Care

Store the battery in a cool, dry place when not in use. Avoid fully discharging the battery frequently to prolong its lifespan. Recharge the battery regularly, even if not in constant use.

6.3 Storage

When storing the camera for extended periods, remove the battery and memory card. Store the camera in a dry, dust-free environment, preferably in a camera bag with desiccant packets to prevent moisture buildup.

7. TROUBLESHOOTING

If you encounter any issues with your Nikon D5500, please refer to the following general troubleshooting tips:

- **Camera not turning on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check your focus settings, shutter speed, and ensure the lens is clean. Consider using VR (Vibration Reduction) if your lens supports it.
- **Memory card error:** Ensure the memory card is correctly inserted and not damaged. Try formatting the card (this will erase all data).

- **Wi-Fi connection issues:** Verify that Wi-Fi is enabled on both the camera and your smart device. Ensure your smart device is running the latest version of the Nikon Wireless Mobile Utility app.

For more detailed troubleshooting or persistent issues, please consult the full Nikon D5500 user manual or contact Nikon customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Nikon
Model Name	Nikon D5500
Model Number	1544
Effective Still Resolution	24.2 MP
Photo Sensor Size	APS-C (23.5 x 15.6 mm)
Photo Sensor Technology	CMOS
Image Stabilization	No (Lens-based VR available)
ISO Range	Auto, 100 - 25600
Autofocus Points	39
Continuous Shooting	5 frames per second
Video Resolution	FHD 1080p
Screen Size	3.2 Inches
Display Type	LCD touchscreen, Articulating
Wireless Technology	Yes (Built-in Wi-Fi)
Flash Memory Type	SD/SDHC/SDXC
Item Weight	0.93 Pounds

9. WARRANTY AND SUPPORT

The Nikon D5500 DX-format Digital SLR Body comes with **a1-year coverage for labor and 1-year coverage for parts**. This warranty does not apply to the batteries and software driver that accompany this product. For further assistance, technical support, or warranty claims, please visit the official Nikon support website or contact their customer service department. Keep your proof of purchase for warranty validation.

