

Nikon D5500

Nikon D5500 DX-format Digital SLR Camera with 18-55mm VR II Kit User Manual

Model: D5500

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Nikon D5500 DX-format Digital SLR camera. The D5500 is a compact and lightweight camera designed to capture high-quality photos and Full HD videos. It features a 24.2-megapixel DX-format CMOS sensor, a Vari-angle touchscreen LCD, and built-in Wi-Fi for easy sharing.

2. SETUP

2.1. Unboxing and Package Contents

Carefully unpack your Nikon D5500 camera and verify that all components are present. The standard package includes:

- D5500 DX-format Digital SLR Body (Black)
- AF-S DX NIKKOR 18-55mm f/3.5-5.6G Vibration Reduction II Lens
- 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
- LC-52 Snap-on Front Lens Cap
- LF-4 Rear Lens Cap
- Nikon View NX 2 CD-ROM

2.2. Battery Installation and Charging

Insert the EN-EL14a rechargeable Li-ion battery into the MH-24 Quick Charger. Plug the charger into a power outlet. The

charging indicator light will illuminate. Charging is complete when the light turns off. Once charged, insert the battery into the camera's battery compartment, ensuring it clicks into place.

2.3. Attaching the Lens

Align the mounting mark on the 18-55mm VR II lens with the mounting mark on the camera body. Rotate the lens counter-clockwise until it clicks into place. To remove the lens, press the lens release button on the camera body and rotate the lens clockwise.

2.4. Inserting a Memory Card

Open the memory card slot cover. Insert an SD, SDHC, or SDXC memory card into the slot with the label facing the correct direction until it clicks. Close the cover securely.

3. OPERATING THE CAMERA

3.1. Powering On/Off

To power on the camera, rotate the power switch located around the shutter-release button to the 'ON' position. To power off, rotate it to 'OFF'.

3.2. Basic Controls and Mode Dial

The mode dial on the top of the camera allows you to select various shooting modes, including:

- **AUTO:** Fully automatic mode for general photography.
- **P (Programmed Auto):** Camera sets shutter speed and aperture for optimal exposure.
- **S (Shutter-Priority Auto):** You set shutter speed, camera sets aperture.
- **A (Aperture-Priority Auto):** You set aperture, camera sets shutter speed.
- **M (Manual):** You control both shutter speed and aperture.
- **EFFECTS:** Apply special effects to your photos.
- **SCENE:** Optimized settings for specific scene types (e.g., portrait, landscape).

3.3. Using the Vari-angle Touchscreen LCD

The D5500 features a 3.2-inch Vari-angle touchscreen LCD. This screen can be flipped out and rotated, allowing for flexible shooting angles. You can use touch gestures to:

- Tap to focus and shoot in Live View.
- Navigate menus and settings.
- Pinch to zoom during image playback.

A dedicated Fn button provides quick access to important settings like ISO sensitivity and AF mode.



Figure 1: Nikon D5500 with Vari-angle LCD extended.



Figure 2: Rear view of the D5500 with the Vari-angle LCD rotated.

3.4. Focusing System

The D5500 features a 39-point Autofocus (AF) system, including nine highly accurate cross-type sensors. This system provides fast and precise focusing for various shooting conditions. You can select different AF-area modes and AF-mode options (e.g., Single-servo AF, Continuous-servo AF) depending on your subject.

3.5. Still Photography

The camera captures 24.2 MP images. It supports continuous shooting at up to 5 frames per second, ideal for capturing fast-moving subjects. The ISO sensitivity ranges from 100 to 25,600, allowing for excellent performance in diverse lighting conditions, including low light.



Figure 3: Front view of the Nikon D5500 camera with lens.



Figure 4: Nikon D5500 with built-in flash activated.

3.6. Video Recording

The D5500 can record Full HD 1080p video at up to 60 frames per second. This high frame rate is suitable for capturing fast action or creating smooth slow-motion effects. The camera's improved full-time autofocus helps keep moving subjects sharp during video recording.

3.7. Wi-Fi Connectivity

The camera features built-in Wi-Fi, enabling you to transfer images 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 D5500.

3.8. Image Playback

Press the playback button to review your photos and videos. Use the multi-selector or touchscreen to navigate through images. You can zoom in on photos using pinch gestures on the touchscreen to check details.



Figure 5: Top view of the Nikon D5500 camera.

4. MAINTENANCE

4.1. Cleaning

Regularly clean the camera body with a soft, dry cloth. For the lens and sensor, use specialized cleaning tools and solutions designed for camera optics. Avoid touching the lens or sensor directly with your fingers. Keep the camera body cap and lens caps on when not in use to prevent dust accumulation.

4.2. Storage

When not in use for extended periods, store the camera in a dry, cool place away from direct sunlight and extreme temperatures. Remove the battery before long-term storage. Use a desiccant packet in the camera bag to absorb moisture.

5. TROUBLESHOOTING

If you encounter issues with your Nikon D5500, consider the following common solutions:

- **Camera not turning on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check focus settings, ensure the lens is clean, and use a faster shutter speed or tripod in low light.
- **Memory card error:** Reinsert the memory card, try a different card, or format the card (note: formatting erases all data).
- **Wi-Fi connection issues:** Ensure Wi-Fi is enabled on both the camera and your smart device. Check network settings.

For more complex issues, refer to the full user manual on the Nikon website or contact Nikon customer support.

6. SPECIFICATIONS

Feature	Specification
Model Name	Nikon D5500
Effective Still Resolution	24.2 MP
Photo Sensor Type	CMOS (APS-C)
Compatible Mountings	Nikon F (DX), Nikon F (FX)
Lens Included	18-55mm f/3.5-5.6G VR II DX AF-S Zoom-Nikkor Lens
ISO Sensitivity	100 - 25,600 (Expanded)
Autofocus Points	39
Continuous Shooting Speed	5 fps
Video Resolution	FHD 1080p (up to 60p)
Screen Size	3.2 Inches
Display Type	Articulating Touchscreen (Capacitive)
Connectivity Technology	Wi-Fi, USB 2.0
Flash Memory Type	SD/SDHC/SDXC
Battery Type	Lithium Ion (EN-EL14a)
Battery Average Life	820 Photos
Item Weight	14.88 ounces (body only)
Dimensions (Item Height)	3.82 inches
Water Resistance Level	Not Water Resistant

7. WARRANTY AND SUPPORT

7.1. Warranty Information

The Nikon D5500 camera body and included lens are covered by a 1-year warranty for labor and parts. This warranty does not apply to the battery and software drivers that accompany this product. Please retain your proof of purchase for warranty claims.

7.2. Customer Support

For technical assistance, service, or further inquiries, please visit the official Nikon support website or contact Nikon customer service directly. You can find contact information on the Nikon website or in the warranty documentation included with your product.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question