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› Nikon D5500 Digital Camera User Manual

Nikon 13530

Nikon D5500 Digital Camera User Manual

Model: 13530

Brand: Nikon

INTRODUCTION

The Nikon D5500 is a compact and versatile DX-format DSLR camera designed to inspire creativity and capture stunning images and videos. It features a 24.2-megapixel image sensor without an optical low-pass filter, ensuring exceptional sharpness and detail in your photographs. With its swiveling touchscreen Vary-angle LCD display and built-in Wi-Fi connectivity, the D5500 offers intuitive operation and seamless sharing of your creations.

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your Nikon D5500 camera, helping you unlock its full potential.

WHAT'S IN THE BOX

Your Nikon D5500 Digital Camera Kit includes the following components:

- D5500 DX-format Digital SLR Body
- EN-EL14a Rechargeable Lithium-ion Battery
- MH-24 Quick Charger
- DK-25 Rubber Eyecup
- Cable
- AN-DC3 Camera Strap
- BF-1B Body Cap
- AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR Lens
- LC-55A 55mm Snap-On Front Lens Cap
- Rear Lens Cap (for 18-55mm lens)
- AF-P DX NIKKOR 70-300mm f/4.5-6.3G ED Lens
- LC-58 58mm Snap-On Front Lens Cap
- Rear Lens Cap (for 70-300mm lens)



Figure 1: The Nikon D5500 camera body shown with both the 18-55mm and 70-300mm lenses included in the kit.

SETUP

1. Charging and Inserting the Battery

1. Insert the EN-EL14a Rechargeable Lithium-ion Battery into the MH-24 Quick Charger.
2. Plug the charger into a power outlet. The charging lamp will blink while charging and turn off when complete.
3. Once charged, open the battery chamber cover on the bottom of the camera and insert the battery, ensuring it clicks into place. Close the cover.

2. Attaching a Lens

1. Remove the body cap from the camera and the rear lens cap from the lens.
2. Align the mounting mark on the lens with the mounting mark on the camera body.
3. Rotate the lens counter-clockwise until it clicks into place.
4. Attach the front lens cap to protect the lens when not in use.



Figure 2: Front view of the Nikon D5500 with the 18-55mm lens attached, ready for use.

3. Inserting a Memory Card

- Open the memory card slot cover on the side of the camera.
- Insert an SD, SDHC, or SDXC memory card (up to 256 GB supported) with the label facing the front of the camera until it clicks.
- Close the memory card slot cover.

4. Attaching the Camera Strap

Thread the AN-DC3 Camera Strap through the strap eyelets on both sides of the camera body, ensuring it is securely fastened to prevent accidental drops.

OPERATING THE CAMERA

Powering On and Basic Controls

To power on the camera, rotate the power switch around the shutter-release button. The D5500 features an intuitive layout for easy access to common functions.

- **Shutter-Release Button:** Press halfway to focus, fully to take a picture.
- **Mode Dial:** Located on the top, allows selection of various shooting modes (P, S, A, M, Scene, Effects, Auto).
- **Command Dial:** Used to adjust settings like aperture, shutter speed, and ISO depending on the selected mode.
- **Fn Button:** A customizable function button for quick access to a frequently used setting.

- **Flash Button:** Raises the built-in flash.



Figure 3: Angled view highlighting the mode dial, shutter button, and flash on the Nikon D5500.

Display and Viewfinder

The D5500 features a 3.2-inch articulating touchscreen LCD monitor, providing flexibility for shooting from various angles and intuitive control over settings. You can also use the traditional eye-level pentamirror viewfinder for precise framing.

- **Articulating Touchscreen:** The screen can be flipped out and rotated, allowing for easy self-portraits, low-angle shots, or high-angle shots. It can also be folded inward to protect the screen when not in use.
- **Live View:** Activate Live View using the lever near the viewfinder to compose shots directly on the LCD.
- **Touch Control:** Use the touchscreen to navigate menus, select focus points, and even trigger the shutter.



Figure 4: Rear view of the Nikon D5500, displaying the LCD screen and various control buttons for navigation and settings adjustment.



Figure 5: The Nikon D5500 with its vari-angle LCD screen extended, demonstrating its flexibility for different shooting perspectives.

Focusing

The D5500 offers a 39-point autofocus system for precise and fast focusing. You can choose between different autofocus modes:

- **AF-S (Single-servo AF):** For stationary subjects. Focus locks when the shutter-release button is pressed halfway.
- **AF-C (Continuous-servo AF):** For moving subjects. The camera continuously adjusts focus as long as the shutter-release button is pressed halfway.
- **Manual Focus (M):** For precise manual control, rotate the focus ring on the lens.

Shooting Modes

Select your desired shooting mode using the mode dial on top of the camera:

- **P (Programmed Auto):** Camera sets shutter speed and aperture for optimal exposure.
- **S (Shutter-Priority Auto):** You set the shutter speed, camera sets aperture. Ideal for controlling motion blur.
- **A (Aperture-Priority Auto):** You set the aperture, camera sets shutter speed. Ideal for controlling depth of field.
- **M (Manual):** You control both shutter speed and aperture.
- **SCENE:** Access various scene modes (e.g., Portrait, Landscape, Child, Sports, Close-up, Night Portrait, Night Landscape, Party/Indoor, Beach/Snow, Sunset, Dusk/Dawn, Blossom, Autumn Colors, Food, Candlelight) for optimized settings for specific situations.
- **EFFECTS:** Apply special effects (e.g., Night vision, Color sketch, Toy camera, Miniature effect, Selective color, Silhouette, High key, Low key, HDR painting) directly in-camera.
- **AUTO:** Fully automatic mode for simple point-and-shoot operation.

Image Quality and Video Recording

The D5500 captures high-quality images and videos:

- **Still Images:** Capture 24.2-megapixel photos in RAW or JPEG format. Adjust JPEG quality levels (Basic, Fine, Normal) as needed.
- **Video Recording:** Record Full HD 1080p videos at up to 60 frames per second (60p) in MP4 format. The camera features a built-in microphone for audio capture.
- **Wi-Fi Connectivity:** Utilize the built-in Wi-Fi to instantly transfer photos and videos to a compatible smartphone or tablet for easy sharing.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Nikon D5500.

- **Cleaning the Lens and Sensor:** Use a blower brush to remove dust from the lens surface and sensor. For stubborn smudges, use a lens cleaning solution and a microfiber cloth. Avoid touching the lens or sensor directly with your fingers.
- **Battery Care:** Store batteries in a cool, dry place. Charge them fully before extended storage and recharge every six months to prevent degradation.
- **Camera Body Cleaning:** Wipe the camera body with a soft, dry cloth. For tougher grime, a slightly damp cloth can be used, but ensure no moisture enters the camera.
- **Storage:** When not in use, store the camera in a dry, well-ventilated area, preferably in a camera bag with desiccant packets to prevent mold and mildew.

TROUBLESHOOTING

Here are solutions to common issues you might encounter with your D5500:

- **"Rotate the zoom ring to extend the lens" message:** This message appears when the 18-55mm or 70-300mm kit lens is in its retracted position. To resolve, rotate the zoom ring on the lens to extend it to its shooting position (e.g., 18mm for the 18-55mm lens).
- **Camera does not power on:**

- Ensure the battery is fully charged and correctly inserted.
- Check if the battery contacts are clean.

• **Images are blurry:**

- Verify that the lens is properly attached and extended.
- Check your focus mode (AF-S for still subjects, AF-C for moving subjects).
- Ensure sufficient lighting or adjust ISO settings.
- Consider using a tripod for slower shutter speeds.

• **Memory card error:**

- Ensure the memory card is inserted correctly.
- Try reformatting the card (note: this will erase all data).
- Test with a different, compatible memory card.

• **Wi-Fi connection issues:**

- Ensure Wi-Fi is enabled on both the camera and your smart device.
- Restart both devices.
- Check for interference from other wireless devices.

SPECIFICATIONS

Key technical specifications for the Nikon D5500 Digital Camera:

Feature	Specification
Model Name	D5500
Effective Still Resolution	24.2 MP
Photo Sensor Technology	CMOS
Photo Sensor Size	APS-C
Supported File Format	RAW, JPEG
Video Resolution	FHD 1080p (up to 60p)
Video Capture Format	MP4
Screen Size	3.2 Inches
Display Type	LCD, Articulating, Touch Screen
Autofocus Points	39
Expanded ISO Minimum	100
Expanded ISO Maximum	25600
Maximum Shutter Speed	1/4000 seconds
Minimum Shutter Speed	30 seconds
Continuous Shooting	5 fps
Connectivity Technology	Wi-Fi

Feature	Specification
External-Memory Size	256 GB (max)
Item Weight	14.88 ounces

WARRANTY & SUPPORT

The Nikon D5500 Digital Camera comes with a **1 Year parts and labor warranty** from the manufacturer.

For technical support, service, or warranty claims, please contact Nikon customer support directly. You can find contact information on the official Nikon website or through the documentation provided with your camera.

For additional resources and FAQs, visit the [Nikon Store on Amazon](#).

