

Nikon B500

Nikon Coolpix B500 Digital Camera Instruction Manual

MODEL: B500

Brand: Nikon

PRODUCT OVERVIEW

The Nikon Coolpix B500 Digital Camera is designed for ease of use, offering a 16-megapixel low-light sensor, 40x optical zoom, and 1080p Full HD video recording. It features Lens-Shift Vibration Reduction (VR) for steady shots and a tilting LCD for flexible viewing angles. Connectivity options include Bluetooth low energy (BLE), Wi-Fi, and NFC for seamless photo sharing and remote camera control via the SnapBridge app.



Image: Nikon Coolpix B500 Digital Camera (Black) with its lens cap on.

SETUP

1. Battery Installation

The Coolpix B500 uses four LR6/L40 AA Alkaline Batteries. Open the battery compartment, typically located at the bottom of the camera, and insert the batteries according to the polarity indicators (+/-) inside the compartment. Close the compartment securely.

2. Memory Card Insertion

Insert a compatible SD, SDHC, or SDXC memory card into the memory card slot, usually found within the battery compartment or on the side of the camera. Ensure the card is inserted correctly until it clicks into place.

3. Attaching the Strap and Lens Cap

Attach the AN-CP21 strap to the camera's strap lugs for secure handling. Always use the LC-CP31 lens cap to protect the lens when the camera is not in use. The lens cap often has a string to prevent loss.

4. Initial Power On and Language Settings

Press the power button to turn on the camera. Follow the on-screen prompts to select your preferred language and set the date and time.

OPERATING THE CAMERA

1. Power On/Off

Press the **ON/OFF** button located on the top of the camera to power it on or off.

2. Taking Photos

To take a photo, frame your subject using the tilting 3.0-inch LCD display. Press the shutter button halfway to focus, then press it fully to capture the image.

3. Zoom Function

Use the zoom lever around the shutter button to adjust the 40x optical zoom. The camera also features 80x Dynamic Fine Zoom for extended reach.

4. Flash Operation

The built-in flash can be manually raised by pressing the flash button, typically located near the top of the camera. Press it down to retract the flash when not needed.

5. Tilting LCD Display

The 3.0-inch tilting LCD display allows for flexible shooting angles. Adjust the screen to compose shots from high or low perspectives, or for self-portraits.

6. Shooting Modes

Rotate the mode dial on the top of the camera to select from various shooting modes, including 18 scene modes and an Easy Auto Mode. Easy Auto Mode automatically optimizes camera settings for different situations.

7. Video Recording

To record Full HD 1080p video at 30 fps, press the dedicated movie record button. The camera features 4-Axis Hybrid Vibration Reduction (VR) for stable video and a Superlapse Movie feature for fast-motion sequences.

8. Reviewing Images and Videos

Press the playback button (often indicated by a triangle icon) to review your captured photos and videos on the LCD screen. Use the multi-selector to navigate through your media.

MAINTENANCE

1. Cleaning the Camera

Use a soft, lint-free cloth to gently clean the camera body and LCD screen. For the lens, use a specialized lens cleaning cloth and solution. Avoid using harsh chemicals or abrasive materials.

2. Battery Care

Remove batteries when the camera will not be used for an extended period. Store batteries in a cool, dry place. Replace all four AA batteries simultaneously for optimal performance.

3. Storage

Store the camera in a dry, dust-free environment, preferably in a camera bag or case, to protect it from physical damage and environmental elements.

TROUBLESHOOTING

- **Camera does not turn on:** Ensure batteries are correctly inserted and charged. If an error message appears to 'turn off and then on', check if the lens cap is removed.
- **Slow autofocus:** In some situations, the autofocus may take several seconds to resolve. This is normal behavior for certain modes or lighting conditions.
- **Flash does not activate:** The flash must be manually extended by pressing its dedicated button. It does not auto-deploy.
- **Video autofocus issues:** Continuous autofocus in video mode may sometimes lose focus on moving subjects. Consider using single-servo AF or manual focus if available and appropriate for your shooting scenario.

SPECIFICATIONS

| Feature | Specification |
|----------------------|---|
| Sensor Type | 16 MP 1/2.3-inch BSI CMOS sensor |
| Lens | NIKKOR f/3.0-6.5 ED lens, 4-160mm (35mm equivalent: 22.5-900mm) |
| Optical Zoom | 40x |
| Dynamic Fine Zoom | 80x |
| Image Stabilization | Lens-Shift Vibration Reduction (VR), 4-Axis Hybrid VR (video) |
| Video Recording | Full HD 1080p at 30 fps |
| Display | 3-inch 921k-dot Tilting LCD |
| Connectivity | Bluetooth (BLE), Wi-Fi, NFC, USB, Mini-HDMI |
| Storage Media | SD, SDHC, SDXC memory cards, Internal memory (20 MB) |
| Power Source | 4 LR6/L40 AA Alkaline Batteries |
| Dimensions (approx.) | 113.5 x 78.3 x 94.9 mm (4.5 x 3.1 x 3.7 in.) |
| Weight (approx.) | 542 g (1 lb 3.1 oz) with batteries and memory card |

WARRANTY INFORMATION

This product comes with a 1-year limited warranty. Please refer to the warranty card included in the packaging for full details and terms of service.

SUPPORT

For additional support, firmware updates, or to download the full user manual, please visit the official Nikon

support website. You can also utilize the Nikon SnapBridge app for remote camera control and instant photo sharing with compatible smartphones or tablets.