

Nikon B700

Nikon COOLPIX B700 Digital Camera Instruction Manual

1. PRODUCT OVERVIEW

The Nikon COOLPIX B700 Digital Camera features a DSLR-style design with a PSAM mode dial for control. It is equipped with Vibration Reduction technology for steady shots. The camera captures 20.2 megapixel RAW images and 4K Ultra High Definition (UHD) videos with stereo sound, supporting 5 FPS high-speed sequences. Connectivity to compatible smartphones is available via Bluetooth Low Energy (BLE) for photo sharing and remote camera control.

The NIKKOR Super ED glass lens offers 60x optical zoom, extendable to 120x with Dynamic Fine Zoom. Dual Detect Vibration Reduction (VR) minimizes camera shake. A 20-megapixel backside illuminated CMOS sensor enhances detail capture in various lighting conditions. The SnapBridge app facilitates constant connection for automatic photo transfer and remote camera control.

For video, the B700 records 4K Ultra HD (3840x2160) at 30p or 25p frame rates. Face-priority AF and 5-Axis Hybrid Vibration Reduction (VR) are included for video stability. High-fidelity audio is recorded with a stereo zoom mic. RAW (NRW) image capture is supported for maximum image quality and editing flexibility. The camera features a 3.0-inch 921,000-dot vari-angle LCD monitor for composing shots, monitoring video, and reviewing content.



Figure 1: Front view of the Nikon COOLPIX B700 Digital Camera.

2. SETUP

2.1 Battery Installation

1. Open the battery chamber cover located on the bottom of the camera.
2. Insert the EN-EL23 Rechargeable Li-ion Battery with the correct orientation, ensuring it clicks into place.
3. Close the battery chamber cover securely.

2.2 Memory Card Insertion

1. Open the memory card slot cover, usually adjacent to the battery chamber.
2. Insert a compatible SD, SDHC, or SDXC memory card into the slot until it clicks. Ensure the card is oriented correctly.
3. Close the memory card slot cover securely.

2.3 Charging the Battery

Use the supplied EH-73P Charging AC Adapter and UC-E21 USB Cable to charge the EN-EL23 battery while it

is in the camera. Connect the USB cable to the camera and the AC adapter, then plug the adapter into a power outlet. The charging indicator will show the charging status.

3. OPERATING THE CAMERA

3.1 Power On/Off

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

3.2 Basic Shooting

To take a picture, press the shutter-release button halfway to focus, then press it fully to capture the image. Use the zoom lever around the shutter button to adjust the optical zoom (60x) or digital zoom (up to 120x Dynamic Fine Zoom).



Figure 2: Nikon COOLPIX B700 with its NIKKOR Super ED 60x optical zoom lens extended.

3.3 Shooting Modes

Rotate the mode dial on the top of the camera to select a shooting mode:

- **P (Programmed Auto):** The camera sets exposure automatically.
- **S (Shutter-Priority Auto):** You control shutter speed, camera sets aperture.
- **A (Aperture-Priority Auto):** You control aperture, camera sets shutter speed.
- **M (Manual):** You control both shutter speed and aperture.
- **Scene Modes:** Pre-set modes for specific situations (e.g., Portrait, Landscape, Sports, Night Portrait, Beach, Snow, Sunset, Dusk/Dawn, Close-up, Food, Fireworks Show, Multiple Exposure Lighten, Easy

Panorama, Pet Portrait, Moon, Bird-watching).

- **Auto Mode:** Camera automatically selects optimal settings.

3.4 LCD Monitor and Electronic Viewfinder

The camera features a 3.0-inch 921,000-dot vari-angle LCD monitor. This screen can be rotated and tilted for flexible viewing angles, aiding in composition from high or low perspectives. An electronic viewfinder (EVF) is also available for eye-level shooting.



Figure 3: Rear view of the camera showing the vari-angle LCD monitor extended.

3.5 Flash Operation

The camera has a built-in pop-up flash. To activate the flash, press the flash button (usually located near the flash unit). To retract it, gently push it back down until it locks.



Figure 4: Top-front view of the camera with the built-in flash in the popped-up position.

3.6 Connectivity (SnapBridge)

The COOLPIX B700 supports Wi-Fi, NFC, and Bluetooth Low Energy (BLE) for connection to compatible smart devices via the Nikon SnapBridge app. This allows for automatic image transfer, remote camera control, and geotagging.

3.7 Video Recording

To record video, press the dedicated movie-record button. The camera supports 4K UHD (3840x2160) video recording at 30p or 25p frame rates. Features like Face-priority AF and 5-Axis Hybrid Vibration Reduction (VR) are available for video. Audio is captured via a stereo zoom microphone.

3.8 RAW Image Capture

The camera supports RAW (NRW) image capture, providing maximum image data for post-processing and editing. This format offers greater flexibility for adjusting exposure, white balance, and colors.

3.9 Image Playback and Editing

Press the playback button to view captured images and videos. The camera offers in-camera editing options such as Quick Retouch, D-Lighting, Skin Softening, and various Filter Effects.

4. MAINTENANCE

4.1 Cleaning the Camera

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water or lens cleaner.
- **Lens:** Use a lens brush to remove dust, then gently wipe with a lens cleaning cloth and lens cleaning fluid. Avoid touching the lens surface with your fingers.
- **LCD Monitor:** Use a soft, dry cloth. For smudges, use a specialized LCD cleaning wipe.

4.2 Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- Do not expose batteries to extreme temperatures.

4.3 Storage

When storing the camera for extended periods, remove the battery and memory card. Store the camera in a dry, well-ventilated area, ideally in a camera bag or case to protect it from dust and impact.

5. TROUBLESHOOTING

5.1 Camera Does Not Power On

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

5.2 Images Are Blurry

- Check focus settings (autofocus or manual focus).
- Ensure sufficient lighting for the scene.
- Verify that Vibration Reduction (VR) is enabled, especially in low light or with high zoom.
- Clean the lens if smudges are present.

5.3 Connectivity Issues

- Ensure Bluetooth/Wi-Fi is enabled on both the camera and the smart device.
- Restart both devices and the SnapBridge app.
- Check the SnapBridge app for updates.

6. SPECIFICATIONS

Feature	Specification
Model Name	Nikon Coolpix B700
Sensor Type	20.2MP 1/2.3" BSI CMOS Sensor
Lens	NIKKOR Super ED 60x Optical Zoom Lens

Feature	Specification
Focal Length (35mm Equivalent)	24-1440mm
Optical Zoom	60x
Digital Zoom	2x (120x Dynamic Fine Zoom)
Maximum Aperture	f/3.3 to 6.5
Image Stabilization	Dual Detect Vibration Reduction (VR)
Video Resolution	UHD 4K (3840 x 2160) at 30p
ISO Sensitivity	100-3200
Continuous Shooting	Up to 5 fps
Display	3.0" 921k-Dot Vari-Angle LCD Monitor
Viewfinder	921k-Dot Electronic Viewfinder
Connectivity	Built-In Wi-Fi, NFC & Bluetooth BLE
File Formats	JPEG, MP4, RAW (NRW)
Storage Media	SD, SDHC, SDXC
Item Weight	1.3 Pounds

7. WARRANTY AND SUPPORT

7.1 Supplied Accessories

- AN-CP21 Strap
- LC-CP29 Lens Cap
- EN-EL23 Rechargeable Li-ion Battery
- EH-73P Charging AC Adapter
- UC-E21 USB Cable
- US Warranty Card

7.2 Product Warranty

This product is covered by a standard manufacturer's warranty. Please refer to the included US Warranty Card for specific terms, conditions, and duration of coverage.

7.3 Customer Support

For further assistance, technical support, or service inquiries, please visit the official Nikon support website or contact their customer service department. You can find more information and resources at the [Nikon Store](#).