

Nikon P7000

Nikon Coolpix P7000 Digital Camera User Manual

Model: P7000

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1. INTRODUCTION

The Nikon Coolpix P7000 is a high-performance 10.1-megapixel digital camera designed for advanced users seeking creative control and outstanding image quality. It features a large 1/1.7-inch CCD sensor, a versatile 7.1x Wide Zoom-Nikkor ED Lens, and a 3-inch Ultra-High Resolution LCD for clear viewing and composition. This camera is capable of recording HD (720p) movies with stereo sound and offers extensive dial controls for key functions such as ISO, white balance, bracketing, and exposure compensation.

This manual provides detailed instructions on how to set up, operate, and maintain your Nikon Coolpix P7000 camera to ensure optimal performance and longevity.

2. SETUP GUIDE

2.1 Unpacking and Initial Inspection

Upon opening the package, ensure all components are present:

- Nikon Coolpix P7000 Digital Camera
- Rechargeable Li-ion Battery
- Battery Charger
- USB Cable

- Audio/Video Cable
- Strap
- Instruction Manual (this document)

2.2 Charging the Battery

Before first use, fully charge the supplied rechargeable Li-ion battery. Insert the battery into the charger and plug the charger into a power outlet. The charging indicator will show the charging status. A full charge typically takes approximately 1.5 hours.

2.3 Inserting the Battery and Memory Card

Open the battery/memory card cover on the bottom of the camera. Insert the charged battery with the correct orientation. Insert an SD, SDHC, or SDXC memory card (not included) into the card slot until it clicks into place. Close the cover securely.



Image 1: Nikon Coolpix P7000 Digital Camera. This image shows the front view of the camera, highlighting its compact design and lens.

2.4 Initial Power On and Basic Settings

Press the power button to turn on the camera. The first time you power on, you may be prompted to set the date, time, and language. Follow the on-screen instructions using the multi-selector and OK button.

3. OPERATING THE CAMERA

3.1 Basic Photography

- **Power On/Off:** Press the [Power] button.
- **Shutter Button:** Press halfway to focus, fully to take a picture.
- **Zoom Control:** Use the zoom lever around the shutter button to adjust the 7.1x optical zoom (28-200mm equivalent) or 4x digital zoom.
- **Focusing:** The camera offers various autofocus modes including Single AF, Full-time AF, Multi AF, Center AF, Face Detection AF, and Tracking. Manual focus is also available.
- **Shooting Modes:** Rotate the mode dial to select from various modes such as Programmed Auto (P), Shutter-Priority Auto (S), Aperture-Priority Auto (A), Manual (M), Scene modes, and Movie mode.

3.2 Advanced Controls

The Coolpix P7000 provides dedicated dials and buttons for quick access to advanced settings:

- **Exposure Compensation Dial:** Adjust exposure from -3.0 to +3.0 EV in 1/3 EV steps.
- **ISO Sensitivity:** Set ISO from 100 up to 6400 for optimal performance in various lighting conditions, including exceptional low-light scenarios.
- **White Balance:** Choose from auto, preset manual, or various scene-specific white balance settings.
- **Bracketing:** Utilize exposure bracketing (Sv) or white balance bracketing (Tv) for capturing multiple images with varied settings.
- **RAW (NRW) File Function:** Capture images in Nikon's proprietary RAW format (NRW) for maximum post-processing flexibility.
- **Image Stabilization:** Optical Image Stabilization (VR) helps reduce blur caused by camera shake.
- **Macro Shooting:** Achieve close-up shots with macro shooting capabilities as close as 0.8 inches (2 cm).

3.3 Video Recording

The camera supports HD (720p) movie recording with stereo sound. To record a video:

1. Rotate the mode dial to the Movie mode.
2. Press the movie record button to start and stop recording.

The camera includes a mic input jack for external microphones and an HDMI output for connecting to an HD television.

Your browser does not support the video tag.

Video 1: Nikon Coolpix P7000 Product Overview. This video demonstrates key features of the Nikon Coolpix P7000, including its compact design, advanced controls, macro shooting capabilities, 7.1x optical zoom, HD video recording, and low-light performance.

3.4 Reviewing Images and Videos

Use the 3-inch Ultra-High Resolution (921,000-dot) Clear Color Display to review your captured photos and videos. Press the playback button to enter playback mode. Use the multi-selector to navigate through your media.

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 solution. Avoid touching the lens surface with your fingers.
- **LCD Monitor:** Use a soft, dry cloth. Avoid pressing hard on the screen.

4.2 Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid exposing batteries to extreme temperatures.
- Do not short-circuit battery terminals.

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, preferably in a camera bag or case to protect it from dust and impact.

5. TROUBLESHOOTING

If you encounter issues with your Nikon Coolpix P7000, refer to the following common solutions:

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check if the lens is clean. Ensure proper focus and sufficient lighting. Activate Optical Image Stabilization (VR) if shooting handheld in low light.
- **Memory card error:** Ensure the memory card is correctly inserted and not locked. Try formatting the card (this will erase all data).
- **Lens cover not closing fully:** Some users have reported this issue. Check for obstructions. If persistent, contact Nikon support.
- **Firmware Updates:** Nikon periodically releases firmware updates to improve camera performance and address known issues. Visit the official Nikon support website to check for the latest firmware for your P7000 model and follow the provided instructions carefully for installation.

For more complex issues, consult the detailed troubleshooting section in the full PDF manual available on the Nikon support website or contact Nikon customer support.

6. SPECIFICATIONS

Feature	Detail
Model Name	Nikon Coolpix P7000
Photo Sensor Resolution	10.1 MP
Photo Sensor Size	1/1.7-inch
Lens Type	7.1x optical Zoom, NIKKOR ED glass lens; 6.0-42.6mm (angle of view equivalent to that of 28-200mm lens in 35mm format)
Optical Zoom	7.1 x
Digital Zoom	4 x
Image Stabilization	Optical
Screen Size	3 Inches
Display Type	LCD (921,000 dots)
Video Resolution	HD 720p
Video Capture Format	MPEG-4, AVCHD Lite, H.264
Audio	Stereo sound recording, mic input jack
ISO Sensitivity	Expanded ISO Minimum: 100, Expanded ISO Maximum: 3200 (up to 6400 at full resolution)
Supported File Format	JPEG, NRW (Nikon-specific RAW)
Flash Memory Type	SD/SDHC/SDXC
Connectivity Technology	HDMI, USB
Item Weight	0.68 Pounds
Color	Black

7. WARRANTY & SUPPORT

7.1 Warranty Information

Your Nikon Coolpix P7000 comes with a 14-day satisfaction guarantee and a 90-day parts and labor warranty. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, service, or additional information, please visit the official Nikon support website or contact their customer service department. You can find contact details and further resources on the Nikon website.