

**Nikon P900**

# Nikon COOLPIX P900 Digital Camera Instruction Manual

Model: P900

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Nikon COOLPIX P900 digital camera. Please read these instructions thoroughly before using the camera and retain them for future reference. The Nikon COOLPIX P900 is a 16-megapixel digital camera featuring an impressive 83x optical zoom NIKKOR lens, built-in Wi-Fi, and NFC capabilities, designed for capturing high-quality images and videos across various scenarios.

## 2. PRODUCT OVERVIEW



**Figure 2.1:** Front view of the Nikon COOLPIX P900 camera, showcasing the large NIKKOR lens.



**Figure 2.2:** Side view of the camera with the 83x optical zoom lens fully extended.



**Figure 2.3:** Rear view displaying the electronic viewfinder and control buttons.



**Figure 2.4:** The camera with its vari-angle LCD display rotated outwards for flexible viewing.

## 3. SETUP

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### 3.1. Charging the Battery

1. Ensure the camera is powered off.
2. Connect the camera to a power source using the supplied USB cable and AC adapter. The battery charges directly within the camera.
3. The charging indicator light will illuminate during charging and turn off when the battery is fully charged.

### 3.2. Inserting a Memory Card

1. Open the battery/memory card cover on the bottom of the camera.
2. Insert a compatible SD, SDHC, or SDXC memory card into the slot with the contacts facing the correct direction, until it clicks into place.
3. Close the battery/memory card cover securely.

### 3.3. Attaching the Camera Strap

Thread the camera strap through the strap eyelets on both sides of the camera body and secure it firmly. Ensure the strap is properly attached to prevent accidental drops.

### 3.4. Removing the Lens Cap

Before powering on the camera, gently remove the lens cap by pinching the sides and pulling it away from the lens. Attach the lens cap tether to prevent loss.

## 4. OPERATING THE CAMERA

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### 4.1. Power On/Off

Press the **[ON/OFF]** button located on the top of the camera to power it on or off. The lens will extend when powered on.

### 4.2. Selecting a Shooting Mode

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

- **P (Programmed auto):** The camera automatically sets shutter speed and aperture for optimal exposure.
- **S (Shutter-priority auto):** You control the shutter speed, and the camera sets the aperture.
- **A (Aperture-priority auto):** You control the aperture, and the camera sets the shutter speed.
- **M (Manual):** You control both shutter speed and aperture.
- **SCENE:** Access various scene modes for specific situations (e.g., Portrait, Landscape, Night).
- **Bird-watching mode:** Optimized settings for capturing birds, often found within the SCENE modes or as a dedicated option.
- **Moon mode:** Optimized settings for photographing the moon, often found within the SCENE modes or as a dedicated option.

### 4.3. Zoom Operation

Use the zoom control lever around the shutter button to adjust the optical zoom. Push the lever towards **T** (telephoto) to zoom in, and towards **W** (wide-angle) to zoom out. The camera features 83x optical zoom and 166x Dynamic Fine Zoom.

### 4.4. Focusing

The camera uses autofocus by default. Press the shutter button halfway down to focus on your subject. The focus area will illuminate when focus is achieved. Manual focus (MF) is also available via the mode dial.

### 4.5. Using the Vari-angle Display and Electronic Viewfinder

The camera features a swiveling Vari-angle LCD display for flexible shooting angles. You can also use the high-resolution electronic viewfinder (EVF) by bringing your eye close to it; the camera will automatically switch

from the LCD to the EVF.

## 4.6. Taking Photos

1. Frame your shot using the LCD or EVF.
2. Press the shutter button halfway down to focus.
3. Press the shutter button fully to capture the image.

## 4.7. Recording Videos

Press the dedicated movie-record button to start and stop video recording. The camera supports Full HD 1080p video resolution at 30 FPS.

## 4.8. Reviewing Media

Press the **[Playback]** button (often marked with a play icon) to view your captured photos and videos. Use the multi-selector to navigate through your media.

## 4.9. Wi-Fi and NFC Connectivity

The built-in Wi-Fi and NFC (Near Field Communication) allow for wireless sharing of photos and remote control of the camera via a compatible smartphone or tablet. Refer to the camera's on-screen menu for detailed connection instructions.

# 5. MAINTENANCE

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## 5.1. Cleaning the Camera

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

## 5.2. Battery Care

To prolong battery life, avoid exposing it to extreme temperatures. Store the battery in a cool, dry place when not in use. Charge the battery fully before extended periods of storage and periodically recharge it every six months.

## 5.3. Storage

When storing the camera for an extended period, remove the battery and memory card. Store the camera in a dry, well-ventilated area, away from direct sunlight and high humidity. Use a desiccant if storing in humid environments.

# 6. TROUBLESHOOTING

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- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check focus settings. Ensure sufficient lighting. Use a tripod or stable surface, especially at high zoom levels, to prevent camera shake.

- **Memory card error:** Ensure the memory card is correctly inserted and not full. Try formatting the card (this will erase all data).
- **Date/Time settings reset:** If the camera consistently loses date/time settings, the internal clock battery may need service.
- **Wi-Fi/NFC connection issues:** Ensure your smart device is compatible and the Nikon SnapBridge app (or equivalent) is installed and updated. Check camera and device settings for proper pairing.

## 7. SPECIFICATIONS

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Feature	Specification
Brand	Nikon
Model Name	Nikon Coolpix P900
Effective Still Resolution	16 MP
Photo Sensor Size	1/2.3-inch
Optical Zoom	83x
Maximum Focal Length	2000 Millimeters
Minimum Focal Length	24 Millimeters
Image Stabilization	Optical
Video Resolution	FHD 1080p
Frame Rate	30 FPS
Connectivity Technology	Wi-Fi, NFC
Display Type	Articulating LCD
Viewfinder	Electronic
Supported File Format	JPEG, RAW
Item Weight	1.73 Pounds

## 8. WARRANTY AND SUPPORT

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This Nikon COOLPIX P900 camera, as a renewed product, includes a **90-day warranty**. For specific warranty details or to inquire about support, please refer to the warranty information provided with your purchase or contact Nikon customer service. The warranty description ASIN is B01HGWM3FY.

### Related Documents - P900

 <b>Nikon COOLPIX</b> COOLPIX cameras	<p><b>Nikon COOLPIX A900 Digital Camera Specifications</b></p> <p>Detailed technical specifications for the Nikon COOLPIX A900 compact digital camera, including sensor, lens, display, connectivity, power, and dimensions.</p>
 <b>Nikon Coolpix B500</b> <b>COOLPIX B500</b> <p><b>Optics</b>    Lens: 12x zoom DX VR lens    Image sensor: 12.1 MP CMOS sensor    Resolution: 3000 x 2000 pixels    Focal length: 28-336 mm (35mm equivalent)    Aperture: f/3.5-5.6    Optical zoom: 12x    Digital zoom: 4x    Image stabilization: VR    Image sensor: 12.1 MP CMOS sensor    Resolution: 3000 x 2000 pixels    Focal length: 28-336 mm (35mm equivalent)    Aperture: f/3.5-5.6    Optical zoom: 12x    Digital zoom: 4x    Image stabilization: VR    Flash: Built-in flash    Battery: EN-EL12    Dimensions: 104.5 x 64.5 x 30.9 mm    Weight: 347 g    Screen: 3.0" LCD with 921,000 pixels</p>	<p><b>Nikon Coolpix B500 Digital Camera Specifications</b></p> <p>Comprehensive technical specifications for the Nikon Coolpix B500 digital camera, detailing its features, performance, connectivity, and included accessories.</p>
 <b>Nikon COOLPIX 8800</b> DIGITAL CAMERA	<p><b>Nikon COOLPIX 8800: 8MP Digital Camera with 10x Optical Zoom and VR</b></p> <p>Explore the Nikon COOLPIX 8800, an 8.0-megapixel digital camera featuring a 10x optical Zoom-Nikkor ED lens, Vibration Reduction (VR) system, and a versatile Vari-Angle LCD monitor for exceptional image quality and shooting flexibility.</p>
 <b>Nikon COOLPIX 8700</b> DIGITAL CAMERA	<p><b>Nikon COOLPIX 8700 Digital Camera: Features, Specifications, and Overview</b></p> <p>Explore the Nikon COOLPIX 8700, an 8.0-megapixel digital camera featuring an 8x Zoom-Nikkor ED lens, advanced shooting modes, and robust build. Discover its key features, specifications, and included accessories.</p>
 <b>Nikon</b> <b>COOLPIX</b> Aktualisieren der Firmware für ausgewählte Kameras mit Standortdatenunterstützung	<p><b>Nikon COOLPIX Firmware Update Guide for macOS</b></p> <p>Step-by-step instructions for updating the firmware on Nikon COOLPIX cameras (P900, W300, AW130, AW120, S9900, S9700) using a Mac computer. Includes preparation, download, and installation steps.</p>
 The new photomicrography Peter Evennett	<p><b>The New Photomicrography: Using Digital Cameras with Microscopes</b></p> <p>An article by Peter Evennett discussing the principles and practicalities of using digital cameras, specifically Nikon Coolpix models, for photomicrography, including adapter solutions, chromatic correction, and resolution considerations.</p>