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Nikon COOLPIX AW100 (Model 26293)

Nikon COOLPIX AW100 Digital Camera (Model 26293) Instruction Manual

Model: COOLPIX AW100 (Model 26293)

1. Introduction

Welcome to the instruction manual for your Nikon COOLPIX AW100 Digital Camera. This rugged camera is designed to capture your adventures in various challenging environments. It features a 16 effective megapixel CMOS sensor, Full HD (1080p) movie recording, and built-in GPS and E-Compass functionalities.
The COOLPIX AW100 is built to withstand the elements, being waterproof, shockproof, and freeze-proof, making it an ideal companion for outdoor activities.

2. Setup

2.1. Unpacking and Initial Charge

Before using your camera, ensure all components are present:

- Nikon Coolpix AW100 Waterproof Digital Camera
- AN-CP23 Camera Strap
- EN-EL12 Rechargeable Lithium-Ion Battery
- UC-E6 USB Cable
- EG-CP16 Nikon Audio/Video Cable
- MH-65 Battery Charger
- UR-E23 Filter Attachment
- NikonView NX 2 CD-ROM
- Reference Manual CD

Fully charge the EN-EL12 battery using the MH-65 Battery Charger before first use. Refer to the charger's instructions for proper charging procedures.

2.2. Inserting Battery and Memory Card

Open the battery/memory card compartment cover, ensuring it is dry and free of debris. Insert the charged EN-EL12 battery and a compatible SD, SDHC, or SDXC memory card. Close the cover securely until it clicks into place to maintain the camera's waterproof seal.



Figure 1: Front view of the Nikon COOLPIX AW100 Digital Camera, showing the lens, flash, and Nikon branding.

3. Operating the Camera

3.1. Power On/Off and Basic Photography

Press the ON/OFF button located on the top of the camera to power it on or off. The camera features a 16 effective megapixel CMOS sensor and a NIKKOR ED glass lens with 5x optical zoom (equivalent to 28-140mm in 35mm format). Point and shoot for automatic settings, or explore various shooting modes like Backlighting, Beach, Snow, and Underwater for optimized results.



Figure 2: Top view of the Nikon COOLPIX AW100, highlighting the GPS module and power button.

3.2. Video Recording

The COOLPIX AW100 supports Full HD (1080p) movie recording with stereo sound. Use the dedicated movie-record button for one-touch recording. The camera also offers fast and slow-motion recording capabilities, allowing you to capture dynamic scenes with added drama.

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Video 1: An official manufacturer's video providing a tour of the Nikon COOLPIX AW100, demonstrating its features and capabilities.

3.3. GPS and E-Compass Features

The camera includes a built-in GPS module and an E-Compass. The E-Compass displays your current direction, while the GPS adds location information (latitude and longitude) to your photos. This allows you to track your journey and view your photos on a map using compatible software like Nikon View NX2, mypicturetown.com, or Google Earth.

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Video 2: An official manufacturer's video showcasing the Nikon COOLPIX AW100, highlighting its ruggedness and GPS features.

3.4. Action Control and Special Effects

The unique Action Control feature allows you to adjust key settings with a flick of your wrist, even while wearing gloves. The camera also offers various in-camera special effects, including Black & White, Selective Color, and a dedicated Underwater Scene Mode that automatically optimizes settings for underwater photography.



Figure 3: Back view of the Nikon COOLPIX AW100, showing the LCD screen and control buttons.

4. Maintenance

To ensure the longevity and performance of your Nikon COOLPIX AW100, especially its rugged features, follow

these maintenance guidelines:

- **Waterproof Care:** Always ensure the battery/memory card compartment cover is clean and securely closed before exposing the camera to water. After use in saltwater, rinse the camera thoroughly with fresh water and dry it completely with a soft cloth.
- **Shockproof Design:** While the camera is shock-proof up to 5 feet, avoid unnecessary drops or impacts.
- **Freeze-proof Operation:** The camera is freeze-proof to 14°F (-10°C). When operating in cold environments, battery performance may be reduced. Keep spare batteries warm.
- **Cleaning:** Use a soft, lint-free cloth to clean the camera body and screen. For the lens, use a lens brush or blower to remove dust, then gently wipe with a lens cleaning cloth.

5. Troubleshooting

If you encounter issues with your camera, try the following basic troubleshooting steps:

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Memory card error:** Check if the memory card is inserted correctly. Try formatting the card (this will erase all data, so back up first).
- **Images are blurry:** Ensure the lens is clean. Check the focus mode and lighting conditions.
- **Water leakage:** Immediately power off the camera and remove the battery. Contact Nikon support. Ensure all covers were properly sealed before water exposure.

For more detailed troubleshooting or persistent issues, refer to the full Reference Manual CD included with your camera or visit the Nikon support website.

6. Specifications

Feature	Specification
Model Name	COOLPIX AW100
Model Number	26293
Photo Sensor Resolution	16 MP
Optical Zoom	5x
Video Resolution	FHD 1080p
Waterproof Depth	33 feet (10m)
Shockproof Drop Height	Up to 5 feet (1.5m)
Freeze-proof Temperature	Down to 14°F (-10°C)
Special Features	GPS Enabled, Electronic Compass
Screen Size	3 inches
Connectivity	HDMI, USB
Supported File Format	JPEG
Compatible Flash Memory	SD, SDHC, SDXC

7. Warranty and Support

Your Nikon COOLPIX AW100 Digital Camera comes with a 1 Year Limited Warranty. For warranty details, service, or additional support, please refer to the documentation included with your product or visit the official Nikon support website.

Nikon Support: www.nikonusa.com/en/service-and-support/index.page

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