

Manuals.plus /

› Nikon /

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Nikon AW110

Nikon COOLPIX AW110 Digital Camera User Manual

Model: AW110 | Brand: Nikon

1. INTRODUCTION

The Nikon COOLPIX AW110 is a rugged digital camera designed for capturing photos and videos in challenging environments. It features waterproof, shockproof, and freezeproof capabilities, making it suitable for various outdoor activities. This camera also includes built-in Wi-Fi for easy sharing and GPS functionality for location tagging and navigation.

Key Features:

- **16 MP CMOS Sensor:** Captures high-resolution images.
- **5x Optical Zoom NIKKOR Lens:** Versatile 28-140mm equivalent focal length.
- **Waterproof:** Submersible up to 59 feet (18 meters).
- **Shockproof:** Withstands drops from up to 6.6 feet (2 meters).
- **Freezeproof:** Operates in temperatures as low as 14° F (-10° C).
- **Full HD 1080p Video:** Records high-definition video with stereo sound.
- **Built-in Wi-Fi:** Enables instant sharing to compatible smart devices.
- **Built-in GPS:** Records location data, offers mapping, Points of Interest (POI), and an electronic compass.
- **3-inch OLED Display:** Provides clear viewing with 614,000 dots.

2. SETUP

2.1. What's in the Box

- Nikon COOLPIX AW110 Camera Body
- EN-EL12 Rechargeable Li-ion Battery
- MH-65 Battery Charger
- AN-CP23 Strap
- UC-E16 USB Cable
- User Manual (this document)

2.2. Charging the Battery

1. Insert the EN-EL12 battery into the MH-65 charger.
2. Plug the charger into a power outlet. The charging indicator light will illuminate.
3. Charging is complete when the indicator light turns off.

2.3. Inserting the Battery and Memory Card

Ensure the camera is turned off before opening the battery/memory card compartment.

1. Open the battery/memory card compartment cover on the side of the camera. Ensure the lock is fully disengaged.
2. Insert the charged EN-EL12 battery with the correct orientation until it clicks into place.
3. Insert an SD, SDHC, or SDXC memory card into the card slot until it clicks.
4. Close the compartment cover securely until it locks to maintain waterproof integrity.

2.4. Attaching the Camera Strap

Thread the AN-CP23 strap through the strap eyelet on the camera body to prevent accidental drops.

3. OPERATING THE CAMERA

3.1. Powering On/Off

Press the power button located on the top of the camera to turn it on or off.

3.2. Taking Photos

1. Turn on the camera.
2. Frame your shot using the 3-inch OLED display.
3. Press the shutter button halfway down to focus. The focus indicator will appear.
4. Press the shutter button fully to capture the image.



Image 1: Front view of the Nikon COOLPIX AW110 camera, showcasing its rugged orange body, lens, flash, and GPS module.

3.3. Recording Videos

1. Press the dedicated movie record button to start recording Full HD 1080p video.
2. Press the button again to stop recording.

3.4. Using Wi-Fi for Sharing

The built-in Wi-Fi allows you to wirelessly transfer photos and videos to a compatible smartphone, tablet, or other Wi-Fi enabled device. Refer to the camera's on-screen menu for Wi-Fi setup and connection instructions. You will typically need to install a Nikon app on your smart device.

3.5. GPS Functions

The integrated GPS module automatically records location data (geotags) with your photos. You can also use the camera's mapping feature, Points of Interest (POI) display, and electronic compass to navigate or identify nearby photographic opportunities.



Image 2: Rear view of the Nikon COOLPIX AW110, showing the 3-inch OLED screen displaying an underwater scene with fish, and the control buttons.

3.6. Action Control

The Action Control feature allows for quick and easy operation, even when wearing gloves. This function typically involves tilting the camera to navigate menus or change settings, reducing the need to press small buttons.

4. MAINTENANCE AND CARE

4.1. Waterproof Guidelines

- Ensure all compartment covers (battery/memory card, USB/HDMI) are securely closed and locked before exposing the camera to water.
- Do not exceed the maximum waterproof depth of 59 feet (18 meters).
- After use in saltwater, rinse the camera thoroughly with fresh water and dry it with a soft cloth.
- Avoid opening compartments when the camera is wet or in a dusty environment.

4.2. Shockproof and Freezeproof Care

- While shockproof, avoid unnecessary drops or impacts to prolong the camera's lifespan.
- When using in cold temperatures, ensure the battery is fully charged as cold can reduce battery performance.
- Avoid rapid temperature changes, which can cause condensation.

4.3. Cleaning the Camera

- 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.
- Do not use organic solvents or strong cleaning agents.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Nikon COOLPIX AW110.

5.1. Blurry Images

- **Check focus:** Ensure the camera has properly focused before fully pressing the shutter button.
- **Camera shake:** Hold the camera steady. Use the optical image stabilization feature.
- **Low light:** In dim conditions, the camera may use a slower shutter speed. Use the flash or a tripod if necessary.
- **Subject movement:** For fast-moving subjects, use a higher ISO setting or a scene mode designed for action.

5.2. Battery Drains Quickly

- **GPS/Wi-Fi usage:** GPS and Wi-Fi consume significant power. Turn them off when not in use.
- **Screen brightness:** Reduce screen brightness to conserve power.
- **Cold temperatures:** Battery performance decreases in cold environments. Keep a spare battery warm.
- **Battery age:** Over time, rechargeable batteries lose capacity. Consider replacing an old battery.

5.3. Camera Not Turning On

- **Battery charge:** Ensure the battery is fully charged.
- **Battery insertion:** Verify the battery is inserted correctly.
- **Compartment cover:** Make sure the battery compartment cover is securely closed.

6. SPECIFICATIONS

Feature	Specification
Model Name	Nikon COOLPIX AW110
Sensor Type	16 MP 1/2.3-inch CMOS
Lens	NIKKOR 5x Optical Zoom (5.0-25.0mm, 28-140mm equivalent)
Maximum Aperture	f/3.9-4.8
Image Stabilization	Lens-shift and Electronic VR
Display	3-inch OLED (614,000 dots)
Video Resolution	1080p Full HD (30 fps)
Waterproof Depth	Up to 59 ft (18 m)
Shockproof Drop Height	Up to 6.6 ft (2 m)
Freezeproof Temperature	Down to 14° F (-10° C)
Connectivity	Wi-Fi, USB, HDMI
GPS	Built-in GPS, Mapping, POI, Electronic Compass
Storage Media	SD/SDHC/SDXC memory cards

Feature	Specification
Battery	EN-EL12 Rechargeable Li-ion
Dimensions (approx.)	4.25" x 2.5" x 1" (109.5 x 66.0 x 24.5 mm)
Weight (approx.)	6.88 ounces (195 g) with battery and memory card

7. WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support, please refer to the warranty card included with your product or visit the official Nikon support website. Keep your proof of purchase for warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question