COOAU CU-SPC01

COOAU Action Camera User Manual

Model: CU-SPC01

Introduction

Thank you for choosing the COOAU Action Camera. This manual provides essential information for setting up, operating, and maintaining your camera. Designed for adventurers, this camera captures stunning 4K 60fps video and 20MP photos, featuring a dual screen, touch screen interface, Electronic Image Stabilization (EIS), and a 40m waterproof capability.

Product Overview and Features

- **Native 4K 60fps & 20MP:** Capture high-definition video and crisp photos.
- **Dual LCD Screen:** Features a front display for easy selfies and vlogging, and a rear touch screen for intuitive control.
- **2" IPS Touch Screen:** Responsive and clear touch interface for quick navigation.
- **EIS Anti-Shake 3.0:** Advanced Electronic Image Stabilization ensures smooth and stable footage, even in dynamic environments.
- **170° Wide-Angle Lens with Distortion Correction:** Capture a broader perspective and correct fisheye effects for natural-looking images.
- **40m Waterproof:** Submersible with the included waterproof case, ideal for underwater adventures.
- **External Microphone:** Enhances audio quality by reducing noise.
- **Remote Control:** Conveniently control photo and video capture from up to 10 meters away.
- **Wi-Fi Connectivity & Free App:** Easily modify settings, preview footage, and download files to your smartphone for sharing.
- **2x 1350mAh Batteries:** Extended battery life for longer recording sessions.

What's in the Box

Your COOAU Action Camera package includes the following items:

- COOAU Action Camera (Model: CU-SPC01)
- Waterproof Case

- External Microphone
- Remote Control
- 2 x 1350mAh Rechargeable Batteries
- Various Mounting Accessories (e.g., for mountain bike, motocross, helmet, underwater use)
- USB Cable
- User Manual (this document)

Setup

1. Battery Installation

Open the battery compartment cover on the bottom of the camera. Insert the 1350mAh battery with the correct polarity. Close the cover securely.

2. MicroSD Card Insertion

Locate the microSD card slot on the side of the camera. Insert a Class 10 or higher microSD card (up to 128GB, not included) with the contacts facing the front of the camera until it clicks into place. To remove, press the card gently until it pops out.

3. Charging the Battery

Connect the camera to a USB power source (e.g., computer, wall adapter) using the provided USB cable. The charging indicator light will illuminate. It will turn off once fully charged. Ensure batteries are fully charged before first use.

4. Attaching the Waterproof Case

For underwater use or protection against dust and impact, place the camera inside the waterproof case. Ensure the case is properly sealed before submersion. The case allows for dives up to 40 meters.

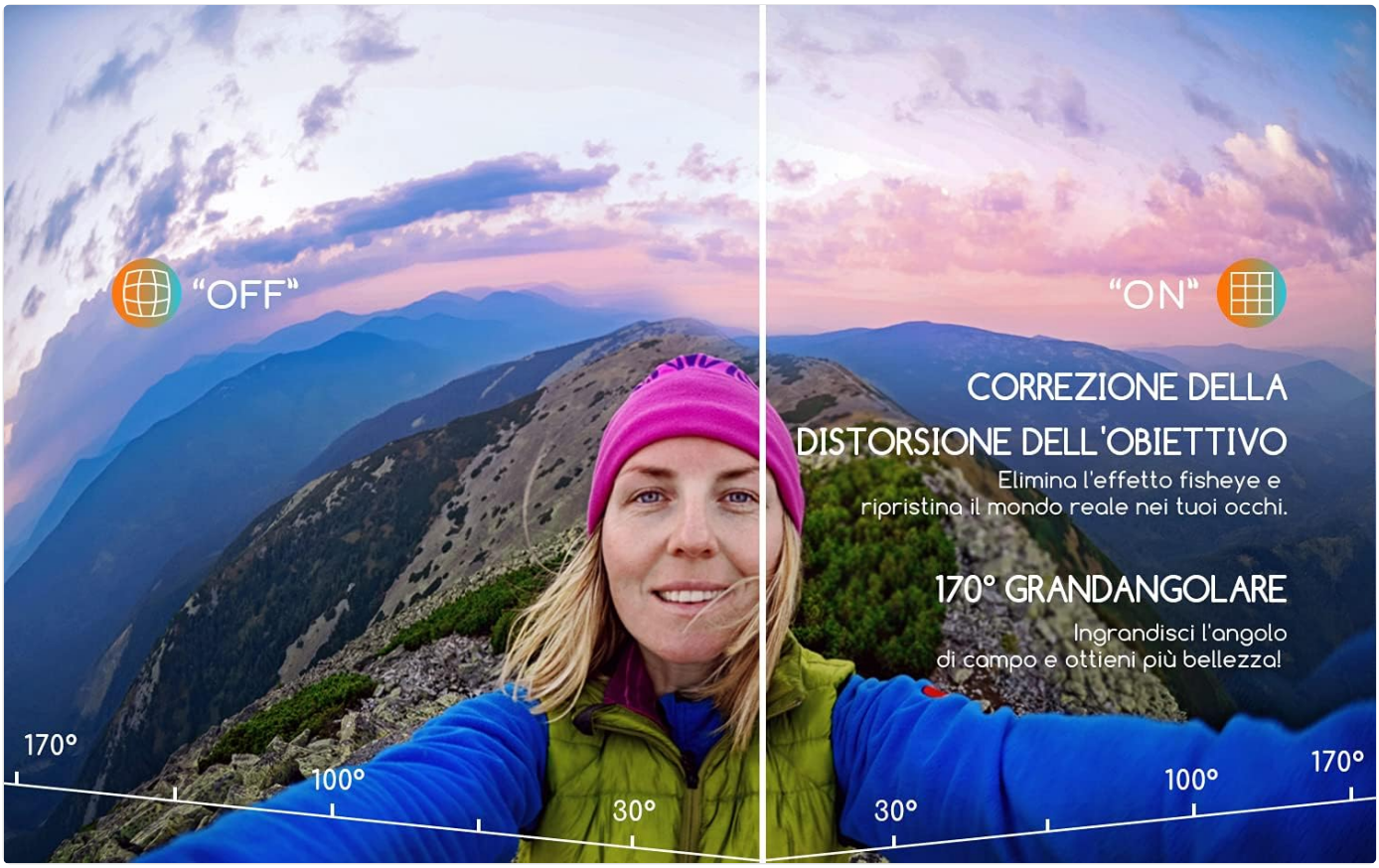

Image: COOAU Action Camera inside its waterproof case, demonstrating its 40m waterproof capability.

Operating Instructions

1. Power On/Off

Press and hold the Power/Mode button (usually on the front or top) for 3 seconds to turn the camera on or off.

2. Mode Switching

Press the Power/Mode button repeatedly to cycle through different modes: Video, Photo, Playback, and Settings.

3. Using the Dual Screen

The camera features a main rear screen and a smaller front screen. To switch between screens, typically press and hold a specific button (often the 'M' button or a dedicated screen switch button) or tap an icon on the touch screen. The front screen is ideal for framing selfies or vlogs.



Image: COOAU Action Camera showcasing its dual screen functionality.

4. Touch Screen Operation

The 2-inch IPS touch screen allows for intuitive navigation. Swipe left/right to browse modes, tap icons to select options, and swipe up/down to access settings menus. Refer to the on-screen prompts for specific actions.



Image: User interacting with the responsive touch screen of the COOAU Action Camera.

5. Video Recording (4K 60fps, EIS, Distortion Correction)

In Video mode, press the Shutter/OK button to start recording. Press again to stop. For optimal stability, ensure EIS (Electronic Image Stabilization) is enabled in the settings. EIS 3.0 helps to smooth out shaky footage. To correct fisheye distortion from the wide-angle lens, enable the "Distortion Correction" option in the video settings.

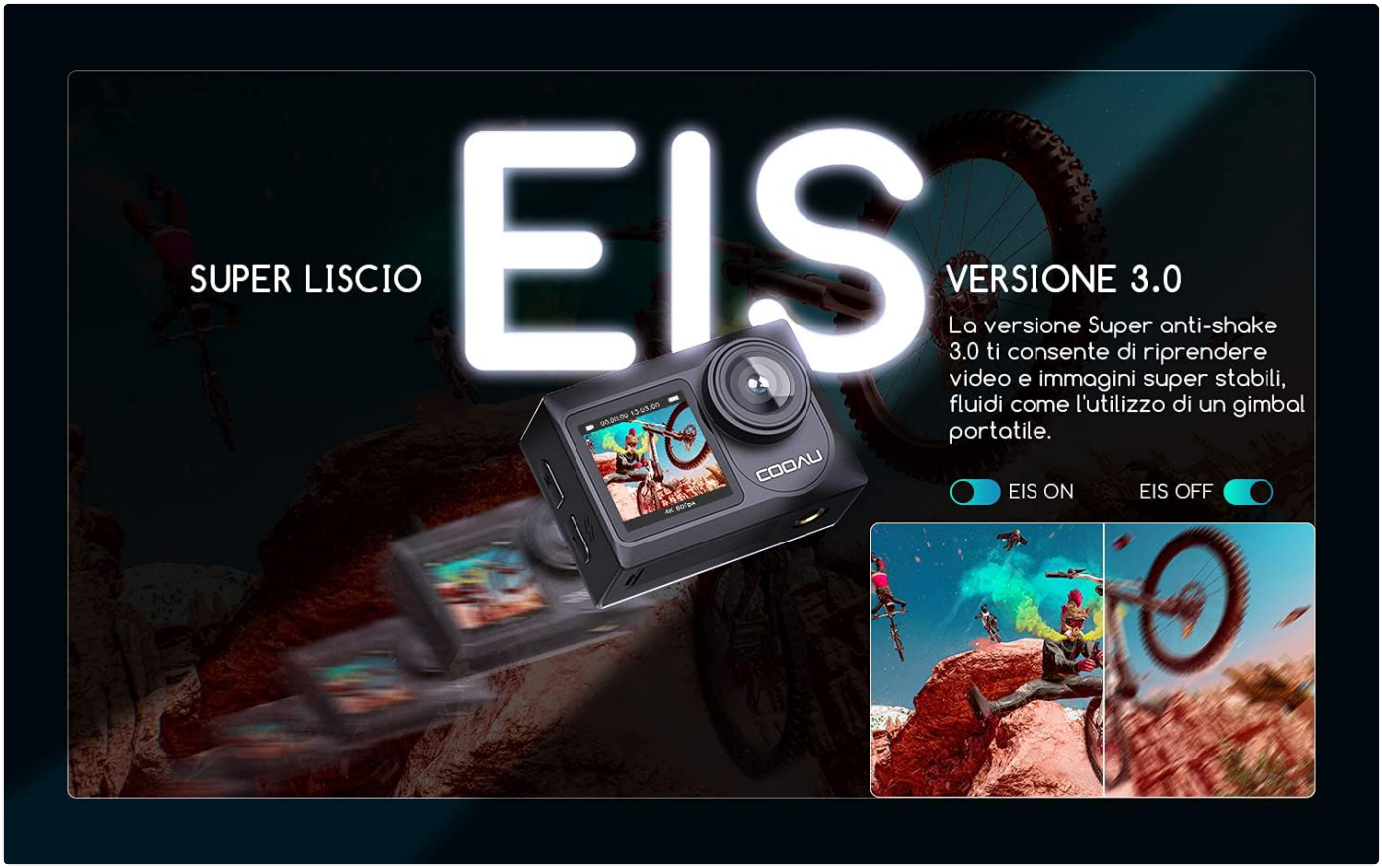

Image: Visual representation of the EIS (Electronic Image Stabilization) feature.



Image: Demonstration of the 170° wide-angle lens and distortion correction feature.

6. Photo Capture

In Photo mode, press the Shutter/OK button to take a picture. Adjust photo settings like resolution (up to 20MP), ISO, and exposure in the camera's settings menu.

7. External Microphone Usage

Connect the external microphone to the camera's designated microphone port (usually a USB-C or 2.5mm/3.5mm jack). This will improve audio clarity and reduce ambient noise, especially in windy conditions or when the camera is in its waterproof case.



Image: COOAU Action Camera with external microphone, batteries, and remote control.

8. Remote Control Operation

The included remote control allows for convenient operation. Typically, one button is for video recording and another for photo capture. Ensure the remote control is paired with the camera (refer to camera settings for pairing instructions if needed). The remote works up to 10 meters away.

9. Wi-Fi Connectivity and App Usage

Enable Wi-Fi on your camera via the settings menu. Download the "iSmart DV" app (or similar, as specified in the camera's quick start guide) on your smartphone. Connect your phone to the camera's Wi-Fi network. Through the app, you can remotely control the camera, preview live footage, adjust settings, and download recorded videos and photos to your phone for easy sharing on social media platforms.



Image: COOAU Action Camera demonstrating Wi-Fi connectivity and app integration for sharing.

Maintenance

- **Cleaning:** Use a soft, lint-free cloth to clean the camera lens and screen. For stubborn smudges, a lens cleaning solution can be used sparingly.
- **Waterproof Case Care:** After each use in water, rinse the waterproof case with fresh water and allow it to air dry. Inspect the O-ring seal for any debris or damage before each use.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures. If not using the camera for an extended period, remove the batteries.
- **Storage:** Store the camera and accessories in a protective case to prevent scratches and damage.

Troubleshooting

Camera does not power on:

Ensure the battery is fully charged and correctly inserted. Try using a different charged battery.

Video quality is poor/shaky:

Check if EIS (Electronic Image Stabilization) is enabled in the settings. Ensure you are using a high-speed microSD card (Class 10 or higher). For 4K 60fps, EIS might not be available or as effective as at lower resolutions (as noted in some reviews).

Camera freezes or becomes unresponsive:

Remove and reinsert the battery to perform a hard reset. Ensure the firmware is up to date. Try formatting the microSD card (this will erase all data).

Water leakage in waterproof case:

Before each use, perform a dry test of the case without the camera inside. Inspect the O-ring for any dirt, hair, or damage. Ensure the latch is securely closed.

Wi-Fi connection issues:

Ensure Wi-Fi is enabled on the camera and your smartphone. Restart both devices. Make sure you have the correct app installed.

Specifications

Feature	Detail
Model Number	CU-SPC01
Video Resolution	Native 4K 60fps
Photo Resolution	20MP
Display	Dual LCD Screen (Front & Rear 2" IPS Touch Screen)
Image Stabilization	EIS Anti-Shake 3.0
Lens	170° Wide-Angle with Distortion Correction
Waterproof Depth	Up to 40m (with included case)
External Microphone	Supported (included)
Remote Control	Yes (up to 10m)
Connectivity	Wi-Fi, USB
Storage	MicroSD (up to 128GB, Class 10+)
Battery	2x 1350mAh Li-ion
Dimensions	6 x 4 x 2.5 cm
Weight	490 grams

Warranty and Support

For warranty information and customer support, please refer to the official COOAU website or contact your retailer. Specific warranty details may vary by region and purchase location. Please retain your proof of purchase for any warranty claims.

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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