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SJCAM C110P

SJCAM C110PLUS 4K Underwater Body Camera User Manual

Model: C110PLUS (C110P)

1. Introduction

The SJCAM C110PLUS is a compact and lightweight 4K underwater body camera designed for capturing first-person perspective (POV) footage. It features 6-axis gyro stabilization, 20MP photos with an F1.8 aperture, and a 170° wide-angle lens. Its magnetic mounting system allows for versatile, hands-free recording, making it suitable for various activities including vlogging, sports, and underwater adventures. The camera is waterproof up to 16.4ft (body) and 131ft (with case).

This manual provides detailed instructions on how to set up, operate, and maintain your SJCAM C110PLUS camera to ensure optimal performance and longevity.

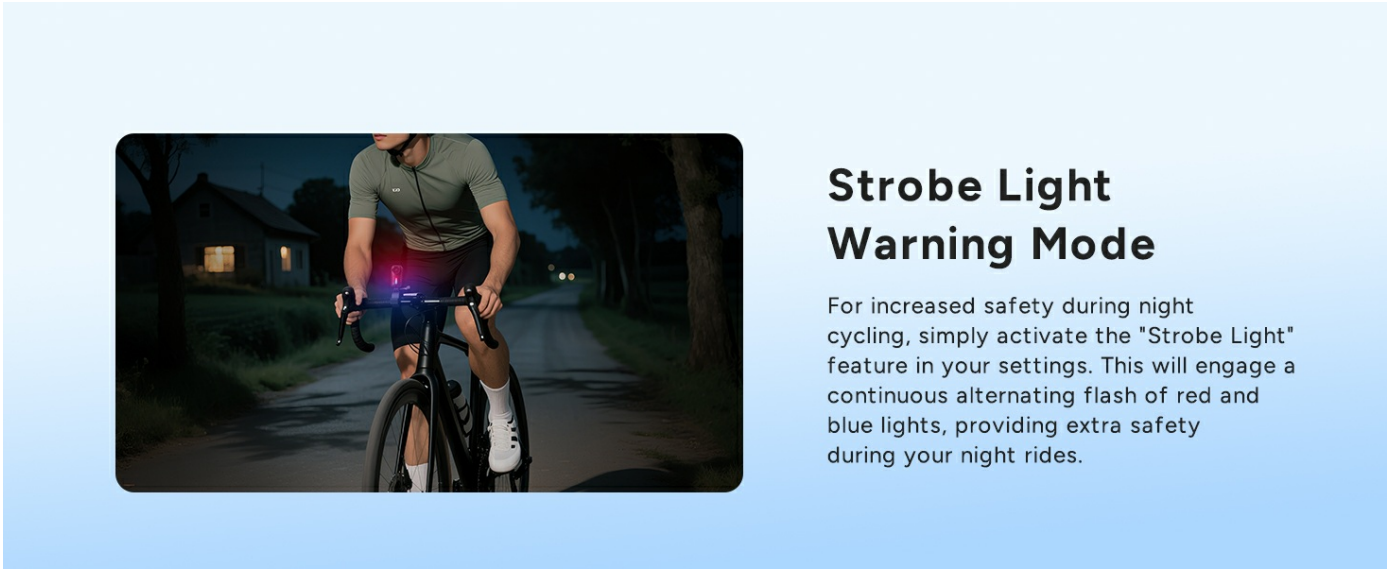


Image: The SJCAM C110PLUS is versatile for multi-scenario recording, including family outings, cycling, hiking, and driving.

2. What's in the Box

Verify that all items are present in your package:

- SJCAM C110PLUS Camera
- Magnetic Lanyard
- Bracket
- Frame Mount
- USB Cable
- Lanyard
- Waterproof Case
- Adapter
- Flat Bottom Bracket
- Helmet Base
- Wiping Cloth

What's in the Box



Image: All included accessories for the SJCAM C110PLUS camera.

3. Product Overview

Camera Components

The SJCAM C110PLUS features a minimalist design with essential controls and indicators.

- **Lens:** Front-facing camera lens.
- **Power/Shutter Button:** Used to power on/off the device and start/stop recording.
- **Wi-Fi/Switch Mode Button:** Used to activate Wi-Fi and switch between camera modes.
- **Indicator Lights:** Provide status feedback (e.g., power on, recording in progress).
- **Microphone:** Built-in microphone for audio recording.
- **USB-C Port:** For charging and data transfer.
- **MicroSD Card Slot:** For memory card insertion (MicroSD card not included).



Image: Key buttons on the SJCAM C110PLUS for one-touch recording.

4. Setup

4.1 Charging the Battery

Before first use, fully charge the camera. Connect the camera to a USB power source using the provided USB-C cable. The indicator light will show charging status and turn off when fully charged. The camera has a 1100mAh battery, providing approximately 100 minutes of 4K recording.

4.2 Inserting a MicroSD Card

The camera requires a MicroSD card (Class 10 or higher, up to 128GB, not included) for storing recordings. Locate the MicroSD card slot and insert the card with the contacts facing down until it clicks into place.

4.3 Attaching Accessories

The SJCAM C110PLUS comes with various accessories for different mounting options. Refer to the 'Accessories installation guide' video for detailed instructions on how to attach the frame mount, waterproof case, and other brackets.

Your browser does not support the video tag.

Video: This video demonstrates how to install various accessories for the SJCAM C110PLUS camera, including mounts and the waterproof case.

4.4 Connecting to the SJCAM ZONE App

Download the "SJCAM ZONE" app from your smartphone's app store. Turn on the camera's Wi-Fi by pressing the Wi-Fi/Switch Mode button. Connect your phone to the camera's Wi-Fi network. The app allows for live view, playback, changing settings, and transferring files.



Image: Live View and App Control via the SJCAM ZONE app.

5. Operating Instructions

5.1 Power On/Off

- **Power On:** Press and hold the Power/Shutter button for a few seconds until the indicator light turns solid blue.
- **Power Off:** Press and hold the Power/Shutter button for a few seconds until the indicator light turns off.

5.2 Basic Recording

- **Start Recording:** Once powered on, short press the Power/Shutter button. The indicator light will blink blue to indicate recording is in progress.
- **Stop Recording:** Short press the Power/Shutter button again. The indicator light will return to solid blue.

Your browser does not support the video tag.

Video: This video provides a 'first use guide' for the SJCAM C110PLUS, demonstrating basic power on/off and recording functions.

5.3 Switching Modes

Short press the Wi-Fi/Switch Mode button to cycle through different recording modes (e.g., video, photo). The specific modes and their order can be customized via the SJCAM ZONE app.

6. Modes and Features

6.1 4K Video Recording

The C110PLUS captures video in true 4K resolution at 30 frames per second, providing clear and detailed footage. The 170° MaxView lens ensures a wide field of view, ideal for action shots and landscapes.

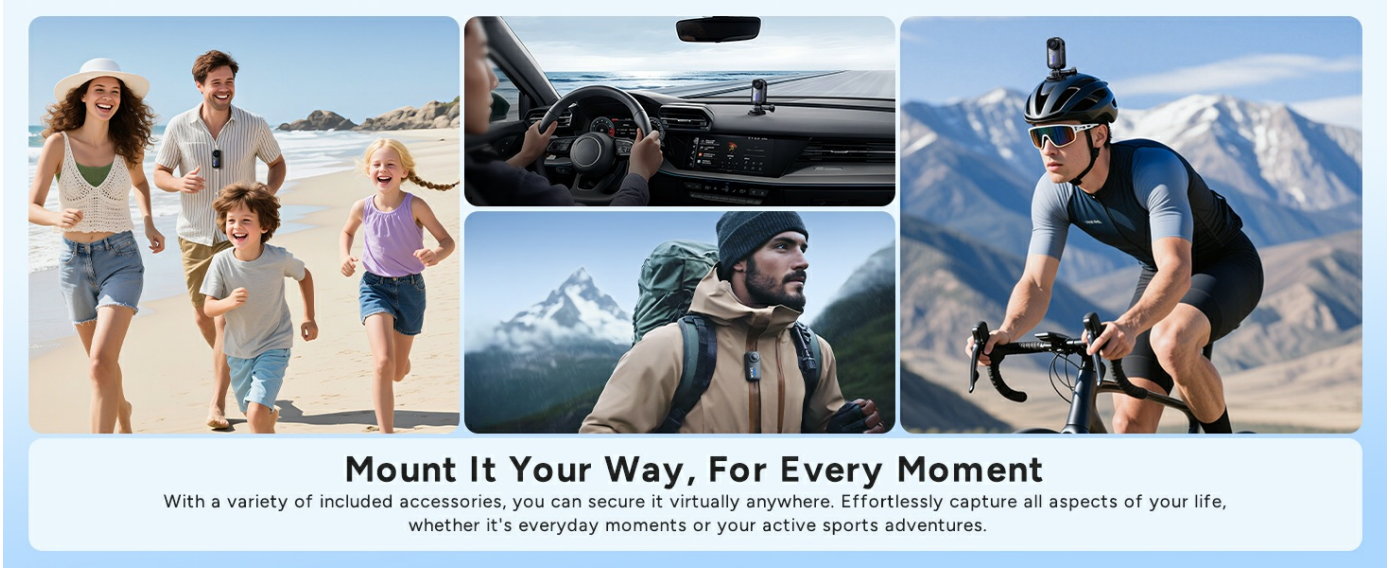


Image: The camera's 4K video capability captures detailed scenery.

6.2 6-Axis Gyro Stabilization

Equipped with advanced Electronic Image Stabilization (EIS), the camera actively compensates for motion, ensuring your videos remain smooth and stable, even during high-speed activities or bumpy rides.

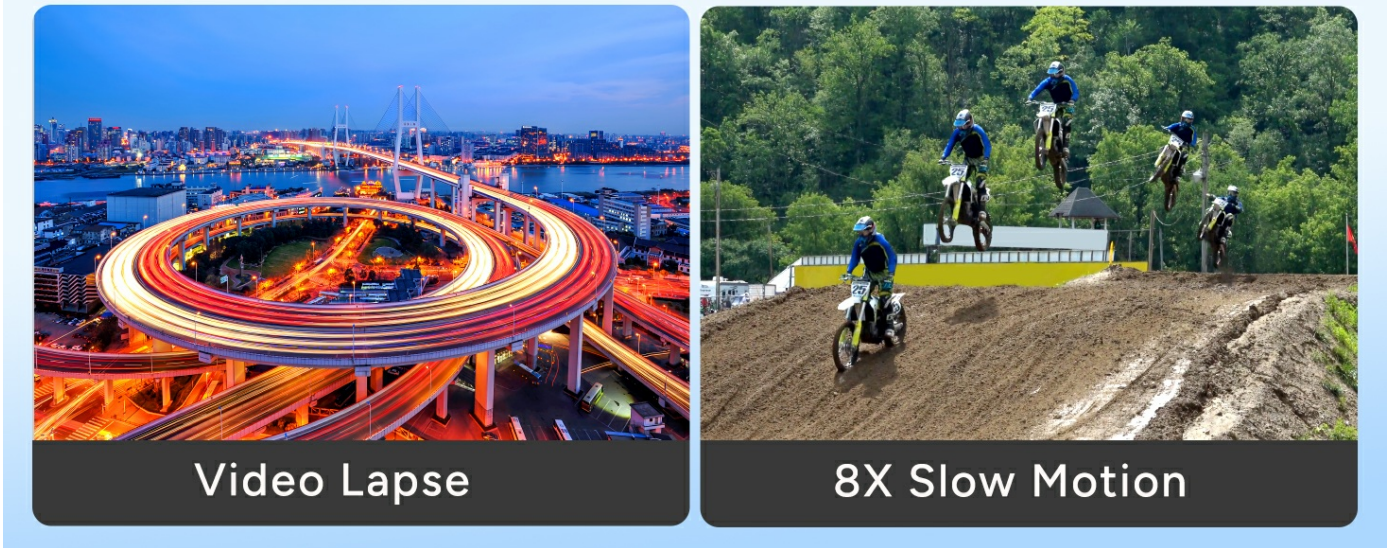


Image: Comparison of video stability with stabilization off and on.

6.3 Waterproof Design

The camera body is waterproof up to 16.4ft (5m). When used with the included waterproof case, it can be submerged up to 131ft (40m), making it suitable for snorkeling and diving.



Image: The camera in its waterproof case being used for diving.

6.4 Magnetic Mounting

The camera features a built-in magnet, allowing it to be easily attached to metal surfaces or used with the magnetic lanyard for hands-free recording from a first-person perspective.



Image: Magnetic mounting for immersive POV recording.

6.5 Photo Modes

The camera supports various photo modes, including:

- **Voice Announcement:** Capture photos with voice commands.
- **Burst Photo:** Take multiple photos in quick succession.
- **Interval Photo:** Capture photos at set time intervals.
- **Timed Photo:** Set a timer before taking a photo.
- **Photo Lapse:** Create time-lapse photos.



Image: Examples of different photo capture modes.

6.6 Video Modes

In addition to standard video, the camera offers:

- **Video Lapse:** Create time-lapse videos.
- **8X Slow Motion:** Capture slow-motion footage.



Image: Examples of Video Lapse and 8X Slow Motion modes.

6.7 Webcam Functionality

The C110PLUS can be used as a 4K webcam by connecting it to a computer via the USB-C cable. This provides a high-quality, wide-angle camera for online meetings, live streaming, or other PC-based video needs.

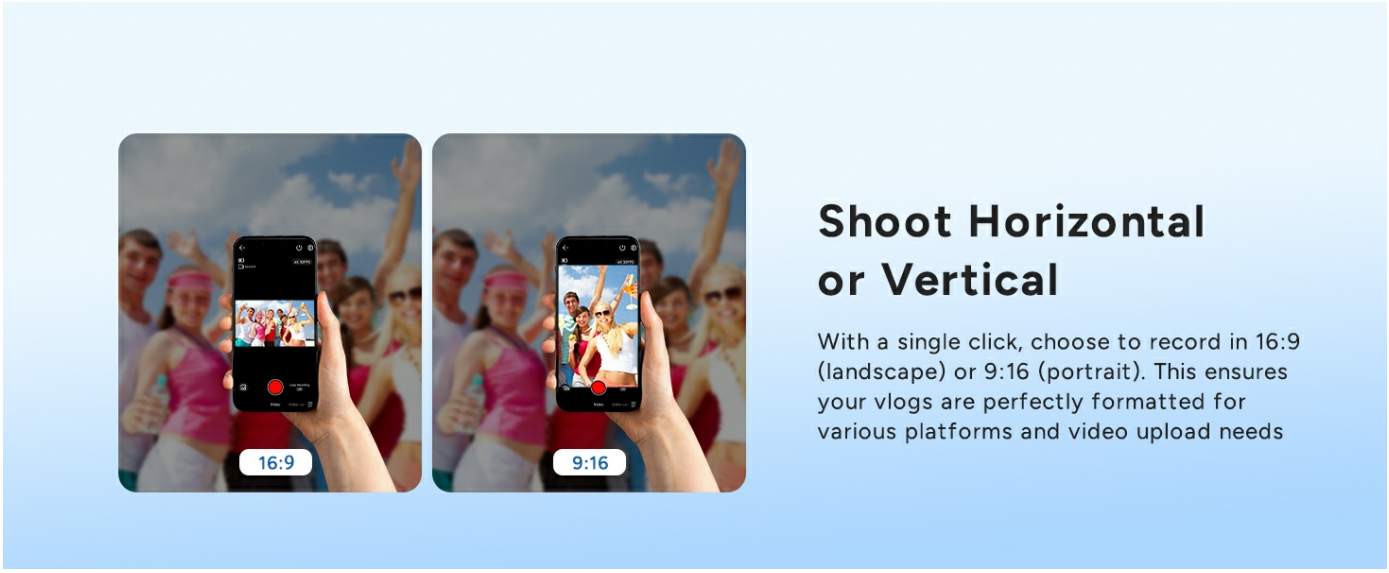


Image: The camera functioning as a crystal-clear 4K webcam.

6.8 Detachable Lens Guard

The camera features a detachable lens guard for added protection against scratches and impacts, ensuring the lens remains in optimal condition.



Image: Detachable lens guard for protection.

6.9 Strobe Light Warning Mode

For increased safety during night cycling or other low-light activities, activate the "Strobe Light" feature in the settings. This engages a continuous alternating flash of red and blue lights.



Image: Strobe Light Warning Mode for enhanced visibility.

7. Maintenance

7.1 Cleaning the Camera

- Use the provided wiping cloth or a soft, lint-free cloth to clean the camera body and lens.
- For stubborn dirt, slightly dampen the cloth with water. Do not use harsh chemicals or solvents.
- Ensure the camera is dry before use, especially before using it underwater.

7.2 Waterproof Case Care

- After each use in saltwater, rinse the waterproof case with fresh water and allow it to air dry.
- Inspect the O-ring seal regularly for any debris, cracks, or damage. Clean it gently if necessary.
- Ensure the case is properly sealed before submerging the camera.

7.3 Storage

Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove the MicroSD card if storing for extended periods.

8. Troubleshooting

8.1 Camera Not Powering On

- Ensure the battery is sufficiently charged. Connect the camera to a power source and check if the charging indicator light activates.
- Try pressing and holding the Power/Shutter button for a longer duration (5-10 seconds).

8.2 Cannot Connect to Phone App

- Ensure the camera's Wi-Fi is enabled (solid blue light on Wi-Fi indicator).
- Verify that your phone is connected to the camera's Wi-Fi network in your phone's settings.
- Restart both the camera and your smartphone.
- Ensure the SJCAM ZONE app is updated to the latest version.

8.3 Poor Video/Audio Quality

- **Video:** Ensure the lens is clean and free from smudges. Check that the 6-axis stabilization (EIS) is enabled in the app settings for smoother footage. Record in well-lit environments for best results.
- **Audio:** The built-in microphone is designed for general use. For optimal audio, ensure the microphone port is not obstructed. In windy conditions, external wind reduction accessories (not included) may be necessary.

8.4 No Memory Card Detected / Recording Issues

- Ensure a compatible MicroSD card (Class 10 or higher) is correctly inserted.
- Format the MicroSD card using the camera's settings via the app. This will erase all data on the card.
- If the issue persists, try a different MicroSD card.

9. Specifications

Feature	Specification
Brand	SJCAM
Model Number	C110P
Photo Sensor Technology	CMOS
Video Capture Resolution	4K
Effective Still Resolution	20 MP
Maximum Aperture	F1.8
Lens Type	Wide Angle (170°)
Flash Memory Type	Micro SD (up to 128GB)
Video Capture Format	MP4
Supported Audio Format	AAC, MP3, PCM
Connectivity Technology	USB, Wi-Fi
Special Feature	4K Video Recording, 6-Axis Stabilization, Waterproof Design, Built-In Microphone
Water Resistance Level	Waterproof (Body: 16.4ft, With Case: 131ft)
Image Stabilization	6-Axis Stabilization
Battery Average Life	133 minutes (approx. 100 mins for 4K)
Compatible Devices	Smartphone, Tablet, Personal Computer

10. Warranty and Support

The SJCAM C110PLUS comes with a standard 1-year warranty. For detailed warranty information, product support, or to contact customer service, please visit the official SJCAM website or their Amazon store page:

SJCAM Official Store on Amazon

Please retain your proof of purchase for warranty claims.

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