

**Generic KLIW010**

# CS09 Ultra HD 4K Mini Camera User Manual

Model: KLIW010

## 1. INTRODUCTION

Thank you for choosing the CS09 Ultra HD 4K Mini Camera. This portable digital video recorder is designed for versatile use, functioning as a body cam, car driving recorder, or a general-purpose miniature camcorder. Its compact design, high-definition recording capabilities, and integrated features make it an ideal tool for capturing important moments.

Please read this manual thoroughly before operating the device to ensure proper usage and to maximize its performance.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- Ultra HD 4K Video Recording
- One-Click Recording and Photography
- 180-Degree Rotating Camera Lens
- 150-Degree Ultra Wide Angle View
- Built-in WiFi Hotspot for Close-Range Connection (approx. 10 meters)
- Night Vision Capability
- Simultaneous Recording and Charging
- Circular Recording (Loop Recording)
- Supports TF Cards from 8GB to 256GB
- Durable Plastic Shell



**4K HD CAMERA**  
Very powerful functionality

Can meet various usage needs



HD 4K



One click  
recording



One click  
photography



180°  
rotating lens



Hotspot WIFI



Back clip design



HD display screen



Sound playback



LED fill light

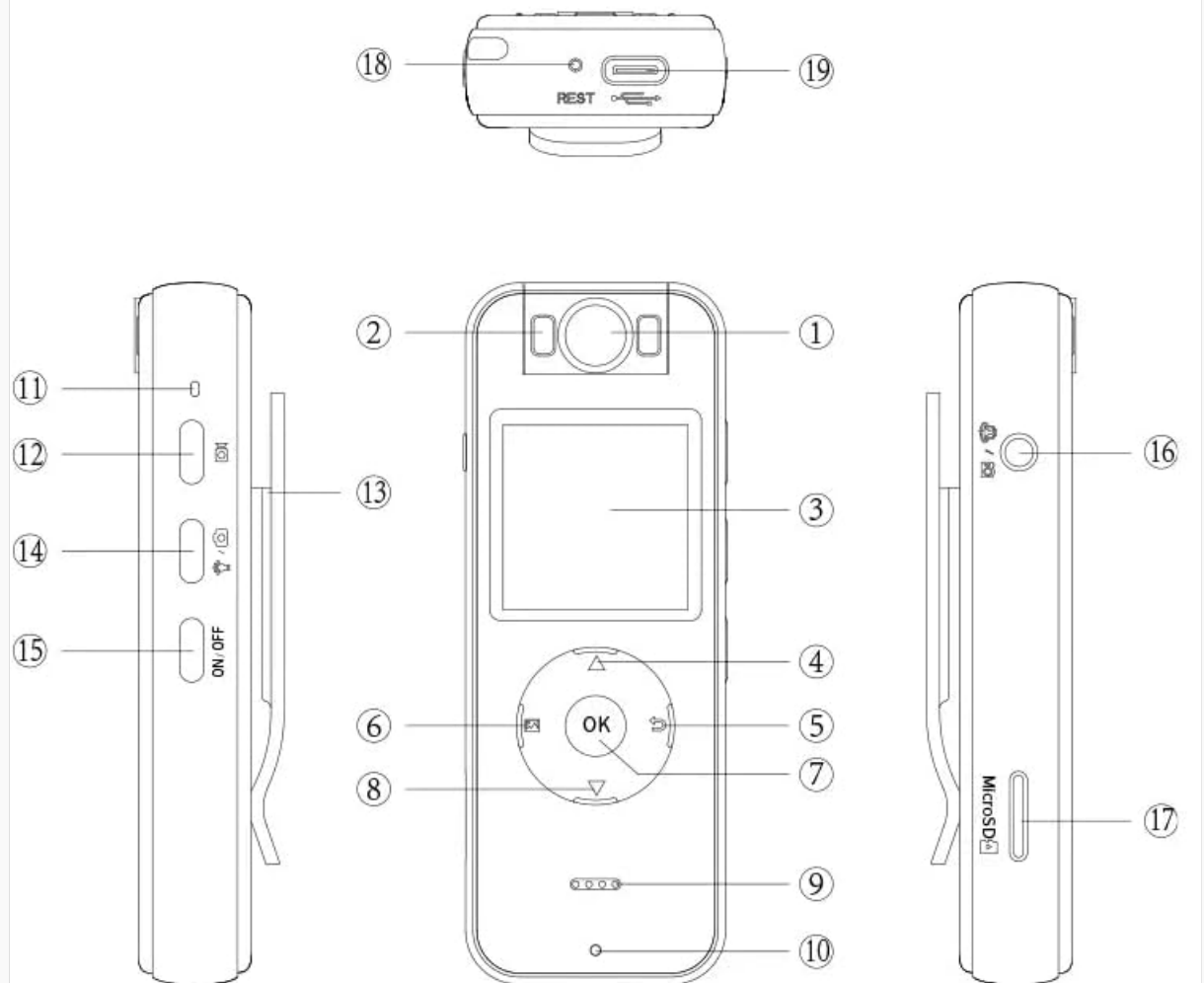
Image: Overview of the CS09 Mini Camera's powerful functionalities including 4K HD recording, one-click operation, 180-degree rotating lens, Hotspot WiFi, back clip design, HD display, sound playback, and LED fill light.

## 2.2 Parts List

The following items are included with your CS09 Mini Camera:

- Main Engine (CS09 Mini Camera)
- Data Line (USB Type-C Cable)
- Bicycle Stand
- Packing Box
- Instruction Manual (this document)

# Product parameters



- |                   |                     |                       |
|-------------------|---------------------|-----------------------|
| 01 HD lens        | 08 Downturn         | 15 Power/screen sleep |
| 02 Fill light     | 09 Loudspeaker      | 16 Turn/WiFi switch   |
| 03 Display screen | 10 Charge lamp      | 17 TF card groove     |
| 04 Upturn         | 11 Microphone hole  | 18 Reset              |
| 05 Back           | 12 Video            | 19 Data interface     |
| 06 Album          | 13 Back splint      |                       |
| 07 Confirm        | 14 Photo/fill light |                       |

Image: Visual representation of the items included in the CS09 Mini Camera package.

## 2.3 Product Diagram

Familiarize yourself with the various parts and controls of your CS09 Mini Camera:

# PARTS LIST

		
Main engine	Data line	Bicycle stand
		
Packing box		instructions

Image: Detailed diagram showing the different components and buttons of the CS09 Mini Camera.

No.	Part Name	No.	Part Name
01	HD lens	11	Microphone hole
02	Fill light	12	Video button
03	Display screen	13	Back splint
04	Upturn button	14	Photo/fill light button
05	Back button	15	Power/screen sleep button
06	Album button	16	Turn/WiFi switch
07	Confirm (OK) button	17	TF card groove

08	Downturn button	18	Reset button
09	Loudspeaker	19	Data interface (Type-C)
10	Charge lamp		

## 3. SETUP

### 3.1 Inserting a Memory Card

The CS09 Mini Camera requires a TF (microSD) card for storing recordings. The device supports cards from 8GB up to 256GB. A memory card is not included with the standard equipment.

1. Locate the TF card groove (17) on the side of the camera.
2. Gently insert the TF card into the slot with the gold contacts facing the back of the camera until it clicks into place.
3. To remove the card, gently push it in again until it springs out.

# TYPE-C CHARGING INTERFACE

Power off to save video and prevent loss

Type-C fast charging technology enables faster data transmission during charging.



Image: Illustration of the memory expansion feature, showing the TF card slot and support for up to 256GB TF cards.

## 3.2 Initial Charge

Before first use, fully charge the camera's internal battery.

1. Connect the provided USB Type-C data line to the data interface (19) on the camera.
2. Connect the other end of the USB cable to a USB power adapter (not included) or a computer's USB port.
3. The charge lamp (10) will indicate charging status. Refer to the camera's display for battery level.

# MEMORY EXPANSION

Supports up to 256GB TF card insertion expansion, and saves recordings in circular mode to the local device.



TF card slot



SUPPORT 256GB TF CARD



Image: The CS09 Mini Camera connected via its Type-C charging interface, emphasizing fast charging and data transmission.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

- To power on, press and hold the Power/screen sleep button (15) until the display screen (03) illuminates.
- To power off, press and hold the Power/screen sleep button (15) again until the device shuts down.

### 4.2 Recording Video

The CS09 Mini Camera supports one-click video recording and circular recording.

1. Ensure a TF card is inserted and the device is powered on.
2. Press the Video button (12) once to start recording. The recording indicator will light up.
3. Press the Video button (12) again to stop recording.

### 4.3 Taking Photos

Capture still images with a single click.

1. Ensure the device is powered on.
2. Press the Photo/fill light button (14) once to take a photo.





Image: The side view of the CS09 Mini Camera, highlighting the independent buttons for one-click recording and one-click photography.

#### 4.4 Rotating Lens

The HD lens (01) can be manually rotated 180 degrees to capture footage from various angles.

- Gently rotate the lens module to your desired angle (0°, 90°, 180°).
- Ensure the lens is securely positioned before recording.

## ONE CLICK RECORDING TIME-LAPSE RECORDING

Independent recording button, can be easily pressed to complete tasks in special or emergency situations





Image: Visual demonstration of the 180-degree adjustable rotating lens, showing 0°, 90°, and 180° positions.

## 4.5 WiFi Hotspot Connection

The camera features a built-in WiFi hotspot for close-range connection (approximately 10 meters) to a smartphone or tablet. This allows for live view, playback, and settings adjustment via a dedicated app (app name not specified, refer to product packaging or manufacturer's website for app details).

1. Turn on the WiFi hotspot by using the Turn/WiFi switch (16).
2. On your smartphone/tablet, go to WiFi settings and connect to the camera's WiFi network (SSID and password typically found on the device or in the app).
3. Open the dedicated app to access camera functions.

## 5. MEMORY EXPANSION

The CS09 Mini Camera supports TF (microSD) cards ranging from 8GB to 256GB. It features circular recording, which means when the memory card is full, the oldest files will be overwritten by new recordings, ensuring continuous operation without manual deletion.

Always ensure you have sufficient storage for your recording needs. For optimal performance, use a high-speed TF card (Class 10 or higher).

## 6. CHARGING

The CS09 Mini Camera is equipped with a Type-C charging interface (19) for fast and efficient charging. It supports simultaneous recording and charging, allowing for extended operation without interruption.

- Connect the camera to a power source using the provided Type-C USB cable.
- The charge lamp (10) indicates charging status.
- It is recommended to power off the device before disconnecting the power source to ensure all recorded data is saved and to prevent loss.

## 7. SPECIFICATIONS

Feature	Specification
Model Name	KLIW010
Product Dimensions	1.57"D x 4.19"W x 2.36"H (4.0 x 10.6 x 6.0 cm)
Video Capture Resolution	1080p (Supports 4K Ultra HD)
Connectivity Technology	Powerline, Wireless (WiFi Hotspot)
Supported Memory Card	TF Card (8GB to 256GB)
Lens Rotation	180 degrees
Wide Angle	150 degrees
Manufacturer	BRONG RACING
Color	JKJUW010 (Specific color code)

## 8. TROUBLESHOOTING

If you encounter issues with your CS09 Mini Camera, please refer to the following common problems and solutions:

- **Device not turning on:** Ensure the battery is charged. Connect the camera to a power source and try again. If unresponsive, press the Reset button (18) with a thin object (e.g., paperclip).
- **Cannot record:** Verify that a TF card is properly inserted and has sufficient free space. If the card is full, circular recording should overwrite old files, but ensure it's functioning correctly. Format the TF card if issues persist (refer to camera settings for formatting option).

- **Poor video quality:** Ensure the lens is clean and free from smudges. Check that the camera is set to the desired resolution in its settings. Ensure adequate lighting, especially for night vision.
- **WiFi connection issues:** Ensure the WiFi hotspot is enabled on the camera. Check that your smartphone/tablet is within the 10-meter range. Restart both the camera and your connecting device.
- **Camera freezes or becomes unresponsive:** Press the Reset button (18) with a thin object to restart the device.

**Important Note:** The color of the item in the picture may appear slightly different from the real product due to lighting conditions and display variations.

## 9. MAINTENANCE

To ensure the longevity and optimal performance of your CS09 Mini Camera, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a specialized lens cleaning cloth and solution to avoid scratches. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Battery Care:** If storing for an extended period, charge the battery to about 50% every few months to prevent deep discharge and prolong battery life.
- **Avoid Drops:** The shell is made of plastic to prevent falling, but excessive impact can still cause damage. Handle the device with care.

## 10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided at the time of purchase or contact the seller/manufacturer directly. Keep your proof of purchase for any warranty claims.