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› CAMECHO Mini 1080p IP66 Waterproof Motorcycle Dash Cam User Manual

CAMECHO No Screen Mini Dashcam

CAMECHO Mini 1080p IP66 Waterproof Motorcycle Dash Cam User Manual

Model: No Screen Mini Dashcam

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CAMECHO Mini 1080p IP66 Waterproof Motorcycle Dash Cam. This compact, screen-less dash cam is designed for motorcycles, offering 1080p video recording, 110° wide-angle night vision, WiFi app control, and loop recording functionality. Please read this manual thoroughly before using the product to ensure proper function and safety.



Figure 1: CAMECHO Mini 1080p WiFi Motorcycle Dash Cam overview.

2. SAFETY INFORMATION

- **Installation:** Ensure the dash cam is securely mounted and does not obstruct your view or interfere with motorcycle controls. Professional installation is recommended if you are unsure about wiring.
- **Power Supply:** Connect the device to a stable 12V power source as specified. Incorrect voltage can damage the device.
- **Water Resistance:** The device is IP66 rated for water and dust resistance. While it can withstand rain and splashes, avoid submerging it in water.
- **Operating Temperature:** Do not operate the device outside the specified temperature range of -10°C to 65°C.
- **Memory Card:** Use a high-quality TF card (up to 128GB) for reliable recording. Format the card regularly to maintain performance.
- **Distraction:** Do not operate the mobile application or adjust settings while riding. Always ensure full attention to the road.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x CAMECHO Mini Dash Cam (Recorder)
- 2 x Power Cables
- 1 x Installation Tools Set
- 1 x Mounting Bracket
- 1 x User Manual

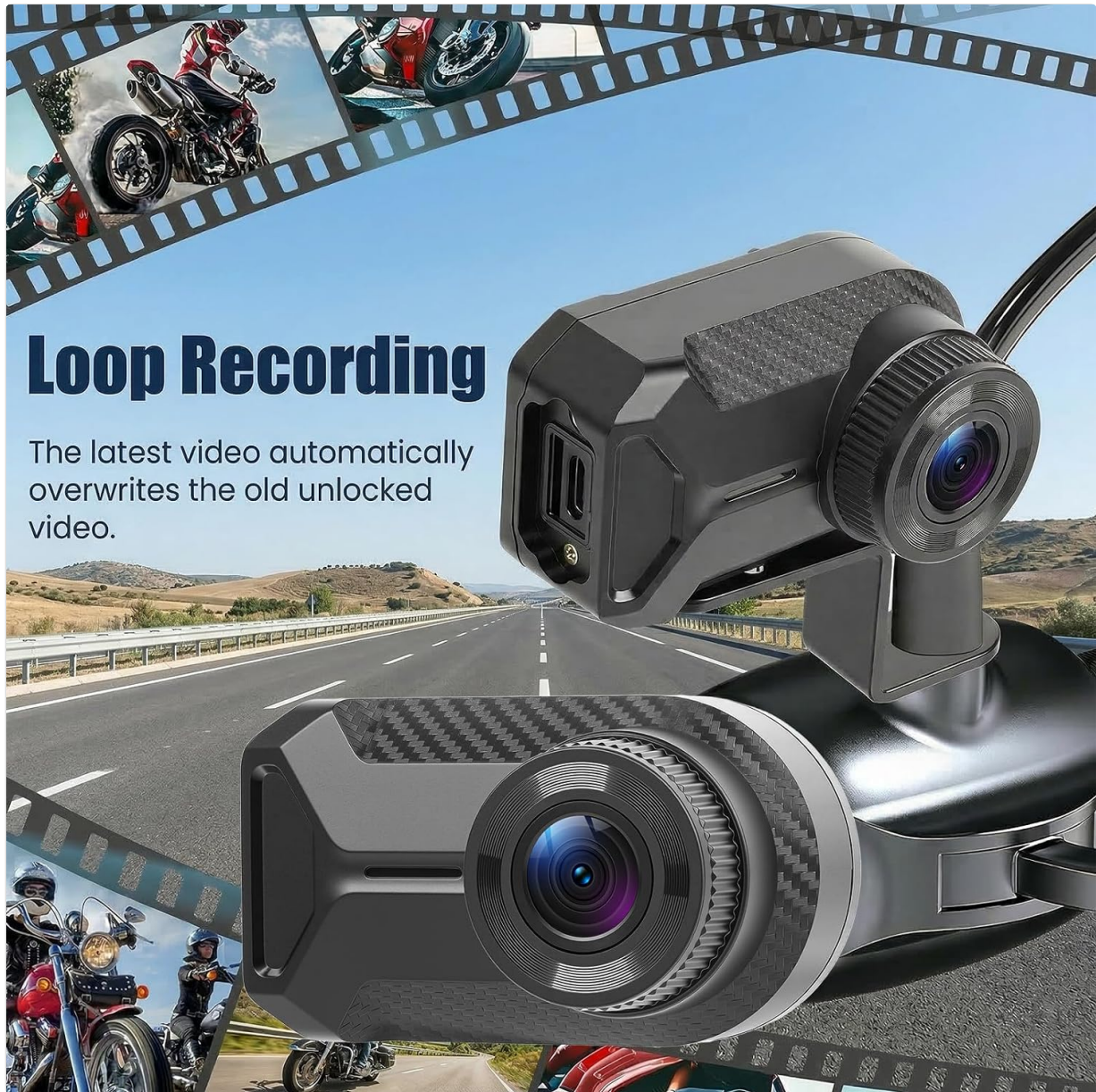


Figure 2: Included components in the package.

4. PRODUCT OVERVIEW AND FEATURES

The CAMECHO Mini Dash Cam is designed for discreet and reliable recording on your motorcycle. Key features include:

- **Compact Design:** Small form factor (7 x 4 x 3.2 cm) without a screen for unobtrusive mounting.
- **High Definition Recording:** Records in Full HD 1080p at 30fps, with video processing to 2K (2560 x 1440) for enhanced detail.
- **Wide Viewing Angle:** 110° horizontal and 54° vertical wide-angle lens to capture a broad perspective of the road.
- **Color Night Vision:** Integrated color night vision for clear recordings in low-light conditions.

- **IP66 Waterproof:** Certified IP66 for resistance against water and dust, ensuring durability in various weather conditions.
- **WiFi Connectivity:** 2.4 GHz WiFi for real-time video viewing, playback, and settings management via a dedicated mobile application.
- **Loop Recording:** Automatic loop recording overwrites older files when the memory card is full, ensuring continuous recording. Supports 1 min/3 min/5 min intervals.
- **Expandable Storage:** Supports TF (microSD) cards up to 128GB (card not included).
- **Single Button Control:** A physical button on the device allows for quick photo capture without needing the app.



Figure 3: 1080p HD Color Night Vision capability.

1080P HD Color Night Vision

Front cameras deliver detailed color images even in low-light conditions, ensuring visibility for day and night riding.



Figure 4: IP66 Waterproof design.

Installation Instruction



Figure 5: 110° Wide Viewing Angle illustration.

5. SETUP AND INSTALLATION

5.1. Inserting the Memory Card

1. Locate the card slot on the side of the dash cam.
2. Insert a TF (microSD) card (Class 10 or higher, up to 128GB) into the slot until it clicks into place.
3. It is recommended to format the memory card within the mobile application upon first use and periodically thereafter.

5.2. Mounting the Dash Cam

Use the provided mounting bracket to securely attach the dash cam to your motorcycle. Ensure the camera has a clear, unobstructed view of the road ahead.

5.3. Power Connection

The dash cam requires a 12V power supply. Connect the provided power cables as follows:

- Connect the **red wire** to a **12V positive (+)** power source on your motorcycle (e.g., ignition-switched power).

- Connect the **black wire** to a **negative (-)** ground point on your motorcycle chassis.

Ensure all connections are secure and insulated to prevent short circuits.



Figure 6: Installation instructions for power and card slot.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

- **Power On:** Once connected to the motorcycle's power, the dash cam will typically power on automatically when the ignition is turned on. If not, a short press of the power button (refer to Figure 6) will turn it on.
- **Power Off:** A long press of the power button will power off the device. If connected to ignition-switched power, it will power off automatically when the ignition is turned off.

6.2. Recording

The dash cam automatically begins recording when powered on. It uses a loop recording function:

- Video files are recorded in segments (1, 3, or 5 minutes, configurable via app).

- When the memory card is full, the oldest unlocked files are automatically overwritten to ensure continuous recording.

110° Wide Viewing Angle

The 110° camera greatly expands the field of view, effectively covering multi-lane roads and roadside details while minimizing blind spots.



Figure 7: Loop Recording functionality.

6.3. WiFi Connection and Mobile Application

The dash cam connects to your smartphone via 2.4 GHz WiFi for advanced control and viewing:

1. Download the dedicated mobile application (e.g., "Viidure" as shown in Figure 1) from your smartphone's app store.
2. Turn on the dash cam.
3. On your smartphone, go to WiFi settings and connect to the dash cam's WiFi network (SSID and password usually found in the manual or on the device itself).
4. Open the mobile application. You can now view live footage, play back recorded videos, download files, and adjust settings such as loop recording intervals, video resolution, and night vision options.

6.4. Taking Photos

A short press of the physical power button (refer to Figure 6) will capture a still image during recording. This is useful for quickly documenting events without interacting with the mobile app.

7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the camera lens and body. Do not use abrasive cleaners or solvents.
- **Memory Card:** Regularly format the memory card (at least once a month) via the mobile application to prevent data corruption and ensure optimal recording performance. Back up important files before formatting.
- **Firmware Updates:** Check the manufacturer's website or the mobile application for any available firmware updates to improve performance and add features.
- **Storage:** When not in use for extended periods, store the dash cam in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

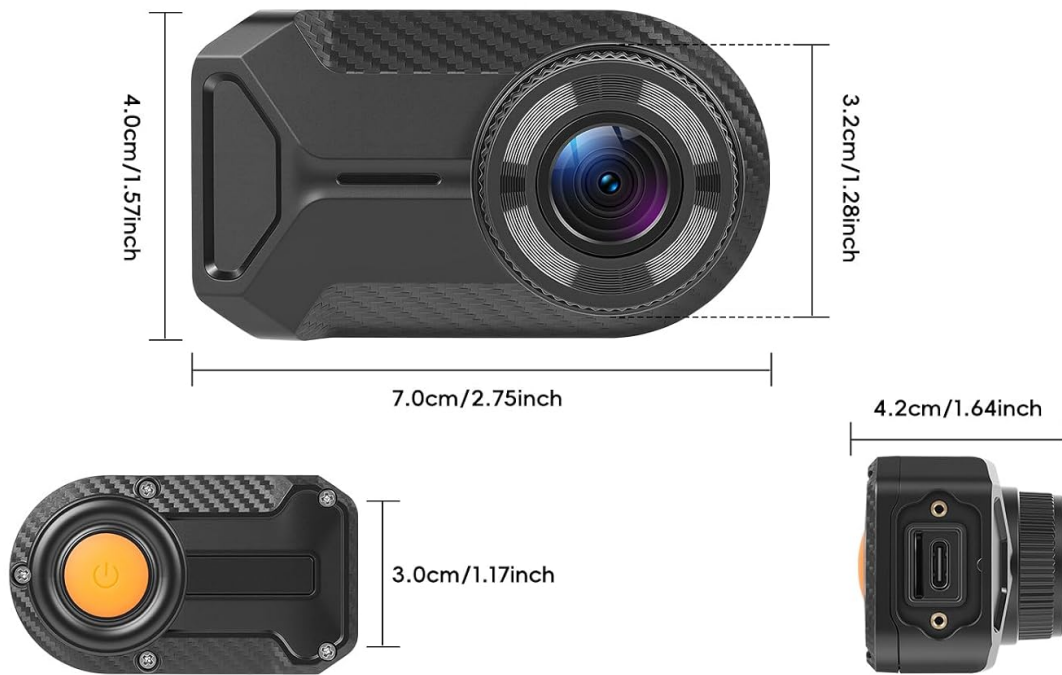
Problem	Possible Cause	Solution
Device does not power on.	No power supply; incorrect wiring; faulty power button.	Check power connections. Ensure red wire is connected to 12V+ and black to ground. Press power button briefly.
Cannot connect via WiFi.	WiFi is off; incorrect password; app issue.	Ensure dash cam is powered on. Verify WiFi password. Restart dash cam and phone. Reinstall app if necessary.
Recording stops or files are corrupted.	Memory card full; faulty memory card; card speed too low.	Format the memory card. Replace with a new, high-speed (Class 10 or U3) TF card.
Poor video quality.	Dirty lens; low light conditions; incorrect settings.	Clean the camera lens. Ensure night vision is enabled in low light. Check video resolution settings in the app.
Videos are unstable (shaky).	Loose mounting; excessive vibration.	Ensure the dash cam is securely mounted and tightened. Consider additional vibration dampening if needed.

9. SPECIFICATIONS

Feature	Specification
Model Number	No Screen Mini Dashcam
Dimensions (L x W x H)	7.0 x 4.0 x 3.2 cm (2.75 x 1.57 x 1.28 inches)
Weight	600 Grams
Waterproof Rating	IP66
Camera Resolution	1080p (Video processed to 2K: 2560 x 1440)
Frame Rate	30 fps

Feature	Specification
Sensor Type	CMOS, 1/3" size
Viewing Angle	Horizontal 110°, Vertical 54°
Night Vision	Color
Connectivity	Wi-Fi (2.4 GHz)
Control Type	Mobile Application and Physical Button
Input Voltage/Current	5V, 1A
Operating Voltage/Current	5V / 200mA
Loop Recording	Supported (1 min/3 min/5 min intervals)
Video File Format	TS-Stream
Photo Format	JPG
Memory Card Support	TF card, max 128GB (Class 10 or higher recommended)
Operating Temperature	-10°C to 65°C

Package included



200cm
Power Cable



Power Cable



Installation
Tools



Bracket



User Manual

Figure 8: Product dimensions.

10. WARRANTY AND SUPPORT

CAMECHO products are designed for reliability and performance. For warranty information, please refer to the specific terms provided at the time of purchase or contact your retailer.

For technical support, troubleshooting assistance, or any questions regarding your CAMECHO Mini Motorcycle Dash Cam, please contact CAMECHO customer service. You can often find support contact details on the official CAMECHO website or through the retailer where you purchased the product.

Based on available information, CAMECHO offers:

- 2-Year Warranty
- 30-Day Exchange Right
- 24-Hour Online Support
- Lifetime Technical Support

For direct assistance, you may reach out to the support email mentioned in some promotional materials: bs_support21@126.com.

