CLAONER D2

CLAONER Dash Cam User Manual

Model: D2

1. INTRODUCTION

Thank you for choosing the CLAONER Dash Cam. This device is designed to provide reliable video evidence for your driving safety, featuring a front and rear camera system with Full HD recording, night vision, and essential safety functions like G-sensor and loop recording. Please read this manual carefully before use to ensure proper operation and maintenance.

2. PACKAGE CONTENTS

- CLAONER Dash Cam (Main Unit)
- Rear Camera
- Car Charger
- Suction Cup Mount
- User Manual
- Rear Camera Cable
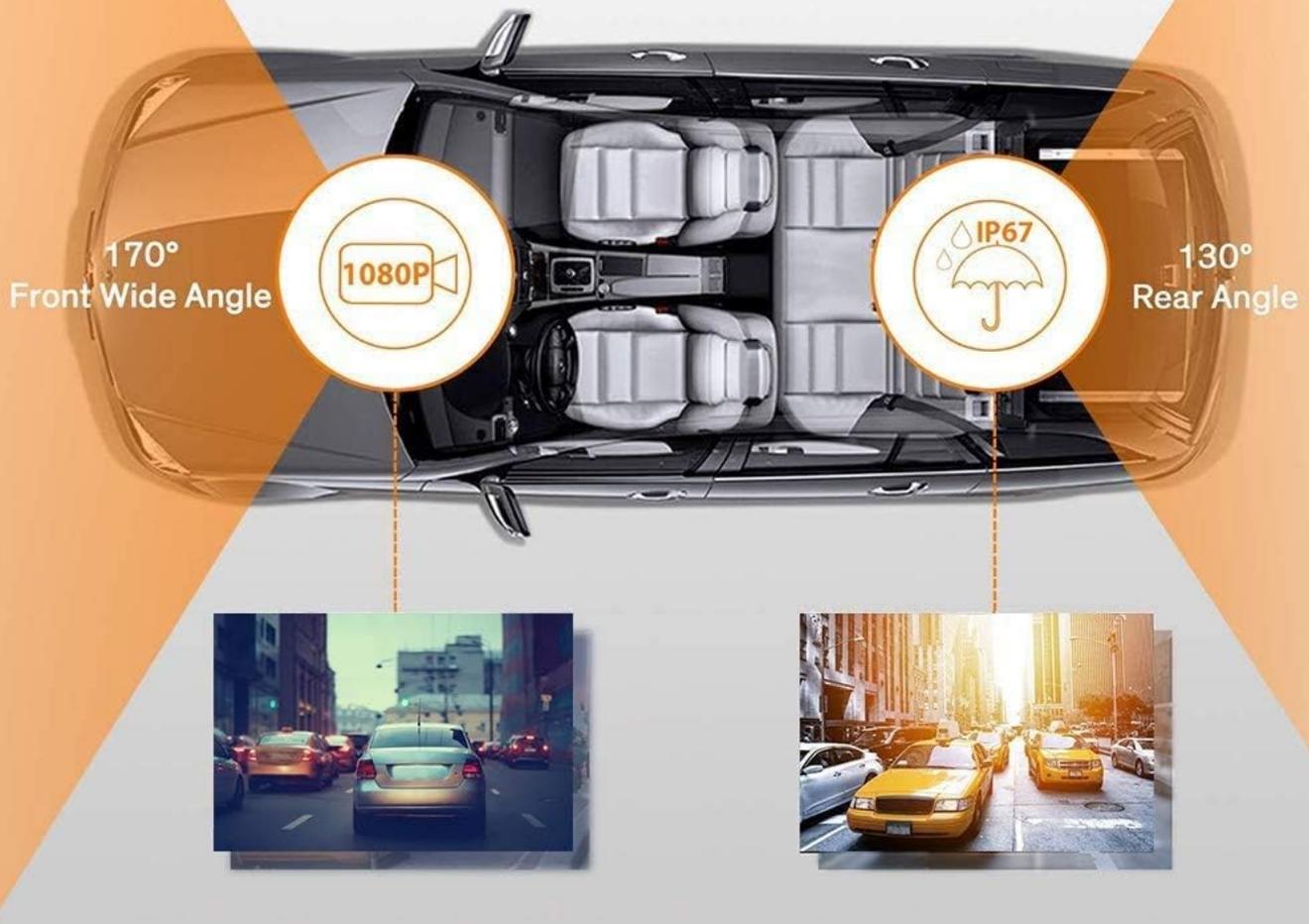
3. PRODUCT OVERVIEW

Familiarize yourself with the components of your CLAONER Dash Cam.

The main dash cam unit with its suction cup mount, alongside the compact rear camera. The main unit features a wide-angle lens and a display screen for real-time viewing and settings.

This diagram illustrates the dual dash cam system, providing a 170° wide-angle view from the front camera and a 130° view from the rear camera, ensuring comprehensive coverage of your vehicle's surroundings.

4. Setup & Installation

4.1 Inserting the Micro SD Card

Insert a Class 10 or higher Micro SD card (not included) into the dash cam's SD card slot. Ensure the card is inserted correctly until it clicks into place. Format the card within the dash cam settings before first use.

4.2 Mounting the Dash Cam

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction cup mount to the dash cam.
3. Press the suction cup firmly against the windshield and flip the lever to secure it.
4. Adjust the camera angle to ensure a clear view of the road ahead.

4.3 Connecting Power

Connect the car charger to the dash cam's power input port and plug the other end into your vehicle's cigarette lighter socket. The dash cam will automatically power on and begin recording when your vehicle starts.

4.4 Rear Camera Installation

Mount the rear camera on your rear windshield. Route the rear camera cable discreetly along the vehicle's interior trim to the main dash cam unit. Connect the rear camera cable to the designated port on the main unit. For automatic display of the rear view when reversing, connect the red lead of the rear camera cable to your vehicle's reverse light positive lead.

24 Hours Monitoring

Mastering your car condition in 24 hours per day with parking monitoring and motion detection. Automatically records any motion within 3 meters in front of your car.

This diagram provides a visual guide for installing the dash cam and rear camera, showing connections to the cigar lighter for power and the optional connection of the rear camera's positive lead to the reversing lamp for automatic reverse display.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Automatic:** The dash cam powers on and off automatically with your vehicle's ignition.
- **Manual:** Press and hold the Power button to manually turn the device on or off.

5.2 Recording

- Once powered on, the dash cam automatically begins loop recording.
- A red dot or recording icon on the screen indicates active recording.
- Press the OK button to manually start or stop recording.

5.3 Menu Navigation

Use the Menu button to access settings. Use the Up/Down buttons to navigate through options and the OK button to confirm selections.

5.4 Playback

In standby mode, press the Mode button to switch to playback mode. Use the Up/Down buttons to select videos and the OK button to play them. You can also view recordings by connecting the dash cam to a computer or by inserting the Micro SD card into a card reader.

5.5 Formatting the SD Card

Regularly format your Micro SD card (at least once a month) to ensure optimal performance and prevent data corruption. This can be done through the dash cam's settings menu.

6. KEY FEATURES EXPLAINED

6.1 Full HD 1080P Resolution

The CLAONER Dash Cam records in 1920*1080 Full HD resolution, capturing clear and detailed video footage of your journeys. This higher resolution provides sharper images compared to standard 1080P, ensuring important details are visible.

This image highlights the superior clarity of 1920*1080 Full HD resolution, demonstrating how it captures sharper videos and more vivid details compared to standard 1080P.

6.2 Loop Recording

Loop recording ensures continuous recording by automatically overwriting the oldest unlocked video files when the Micro SD card is full. This means you never have to worry about manually deleting old footage or missing new events.
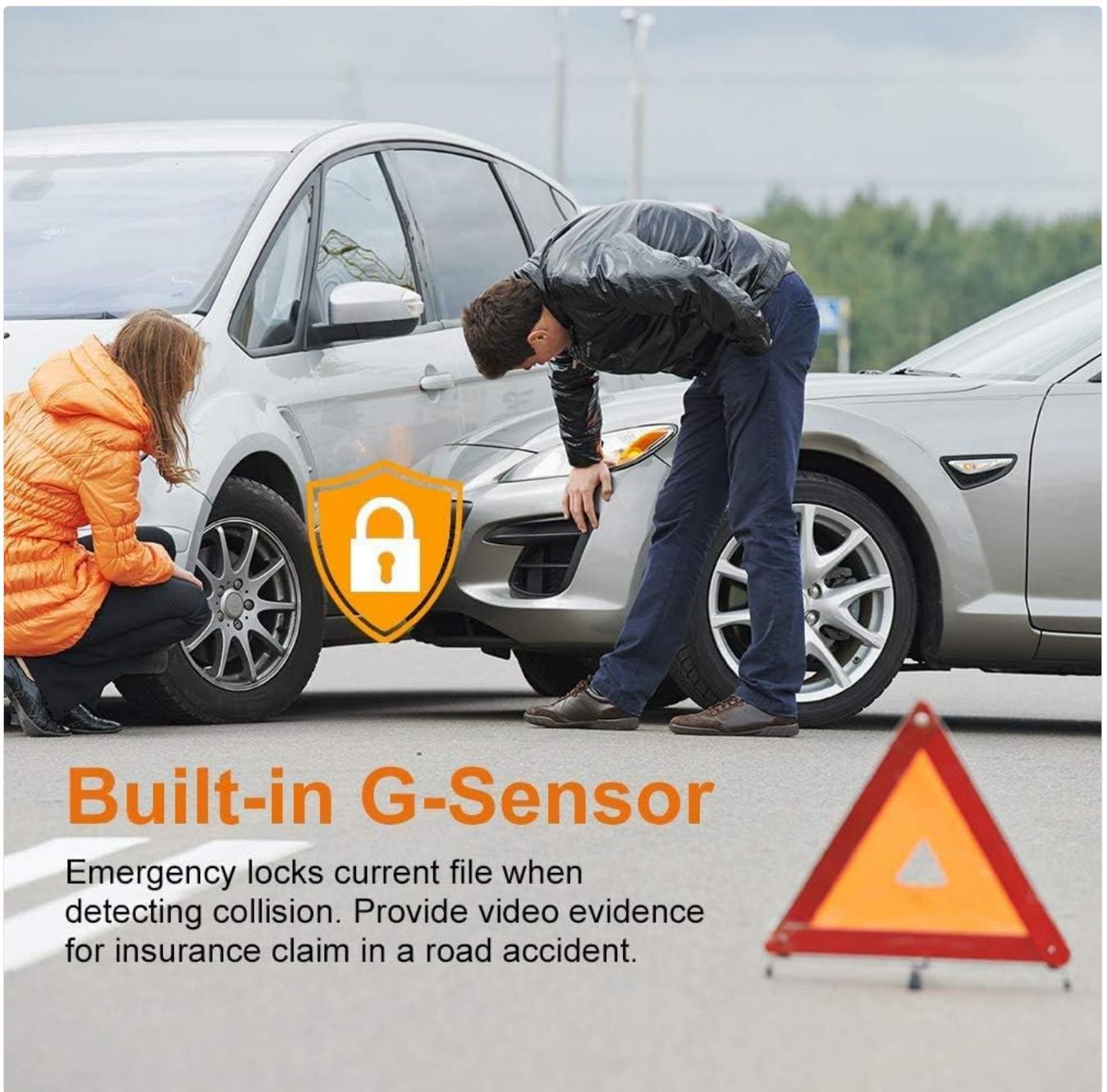
Loop Recording

Loop Recording creates video clips, automatically overwrites the oldest file to save the current file. No need worrying about missing any moment.

This diagram visually explains loop recording, showing how the dash cam creates new video clips and automatically overwrites the oldest files to save current recordings, ensuring continuous operation without manual intervention.

6.3 Built-in G-Sensor

The G-sensor (Gravity Sensor) detects sudden movements or impacts, such as collisions. When triggered, it automatically locks the current video file, preventing it from being overwritten by loop recording. This ensures critical footage is preserved for potential insurance claims or accident investigations.

Built-in G-Sensor

Emergency locks current file when detecting collision. Provide video evidence for insurance claim in a road accident.

This image illustrates the function of the built-in G-Sensor, which automatically locks the current video file upon detecting a collision, providing crucial video evidence for insurance claims in the event of a road accident.

6.4 Super Night Vision

Equipped with 6 IR LEDs and a six-layer glass lens, the dash cam provides enhanced night vision capabilities. This allows for clear recording performance even in low-light conditions or at night, capturing details that might otherwise be missed.

This image demonstrates the dash cam's Super Night Vision feature, showcasing its ability to provide clear and detailed recordings in dark environments, thanks to its 6 IR LEDs and six-layer glass lens.

6.5 24 Hours Parking Monitoring

With the parking monitoring feature, the dash cam can automatically detect motion within approximately 3 meters in front of your car and begin recording. This function helps to monitor your vehicle's condition around the clock, even when parked, providing security against potential incidents.

This image illustrates the 24 Hours Monitoring feature, showing how the dash cam can detect motion within a 3-meter radius around the vehicle, automatically recording any activity to provide continuous surveillance while parked.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and screen. Avoid using abrasive cleaners or solvents.
- **SD Card Care:** Regularly back up important files from your Micro SD card to a computer. Format the card monthly to maintain its performance and prevent errors.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures, as this can affect its performance and lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause / Solution
Dash cam does not power on.	Check the car charger connection and ensure the vehicle's cigarette lighter socket is functioning.
Recording stops or freezes.	Format the Micro SD card. Ensure you are using a Class 10 or higher speed card. The card may be full or corrupted.
Poor night vision quality.	Ensure the windshield is clean and free of obstructions. Adjust camera angle if glare is an issue.

Problem	Possible Cause / Solution
Suction cup mount falls off.	Clean the windshield and suction cup thoroughly before re-attaching. Ensure the lever is fully engaged. Avoid extreme temperature fluctuations.
Rear camera image is reversed.	This is often normal for rear cameras designed for parking assistance. Check settings for a mirror/flip option if available.
Dash cam restarts randomly.	Ensure stable power supply. Format the SD card. Update firmware if available (check manufacturer's website).

9. SPECIFICATIONS

Feature	Detail
Brand	CLAONER
Model Name	RM
Part Number	D2
Compatible Devices	Car, Truck, Motorcycle
Special Features	G-Sensor, Loop Recording, Night Vision
Display Size	3 Inches
Display Type	LCD
Video Capture Resolution	1080p
Actual Viewing Angle	120 Degrees (Front: 170°, Rear: 130°)
Mounting Type	Suction Mount
Connectivity Technology	Auxiliary, HDMI
Batteries Included	Yes
Color	Black

10. WARRANTY & SUPPORT

CLAONER products are designed for reliability and performance. For warranty information or technical support, please refer to the warranty card included with your product or visit the official CLAONER website. If you encounter any issues not covered in this manual, please contact our customer service team for assistance.