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callmate H-28-Max-Car-Dash-Cam

CALLMATE Roadventurer 2K QHD Car Dashboard Camera User Manual

Model: H-28-Max-Car-Dash-Cam

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your CALLMATE Roadventurer 2K QHD Car Dashboard Camera. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

The Callmate QHD Dash Cam is designed to ensure your journeys are documented in crystal clear detail, providing peace of mind and enhanced safety. It captures every moment in high quality video, whether you're commuting, road tripping, or navigating urban traffic.

2. SAFETY INFORMATION

- Do not operate the dash camera while driving. Adjust settings only when the vehicle is safely parked.
- Ensure the dash camera is securely mounted and does not obstruct the driver's view or interfere with airbag deployment.
- Use only the original charger and accessories provided with the device. Using unauthorized accessories may damage the product and void the warranty.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Regularly back up important footage to prevent data loss.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your CALLMATE Roadventurer Dash Camera.

Product Overview



Figure 3.1: Front and rear view of the CALLMATE Roadventurer Dash Camera with key components labeled. These include the 3-inch IPS Display, TF Card Slot, AV In Port, USB-C Input, 1K Camera (interior), 2K Camera (front), Speaker, Power Button, Left/Right Navigation Buttons, Menu/Down Button, and Adhesive Tape for mounting.

Key Features:

- **High Quality Video:** QHD 2K recording with a front camera resolution of 2560 x 1440px @ 30FPS and an interior camera resolution of 1920 x 1080px @ 20FPS.
- **Wide Angle Lens & Adjustable Camera:** 170° field of view with adjustable rotation and tilt for optimal front and interior visibility.
- **Advanced Features:** Parking monitor, motion detection, G-sensor, night vision, time lapse recording, cycle recording, and wide dynamic range (WDR) for clear footage in any lighting.
- **Connectivity & Storage:** Wi-Fi connection, app control for live video access, USB-C input, AV in port, and up to 256GB memory capacity via TF card slot.
- **Durability & Ease of Use:** Made of ABS material, includes adhesive tape for secure mounting, and features a 3 inch IPS display for easy viewing. Built with the SA230D chipset for smooth performance.

- **Audio & Evidence:** Built-in speaker, audio recording, and provides secure video evidence in case of incidents on the road.

QHD Dash Cam

Capture your journey in 2k quality.

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- G-Sensor
- 3 Inch IPS Display
- 170° FOV
- Parking Monitor
- Wifi Connection
- 2K Recording
- APP Control

The advertisement features a central image of the CALLMATE QHD Dash Cam, a black device with a red top section and a lens. The background is light blue with a large, faint '2K' watermark. The top right corner has the CALLMATE logo and tagline. Below the title, seven circular icons represent the product's features, each with a corresponding text label.

Figure 3.2: Visual representation of the CALLMATE QHD Dash Cam's core features, including G-Sensor, 3-inch IPS Display, 170° FOV, Parking Monitor, WiFi Connection, 2K Recording, and App Control.

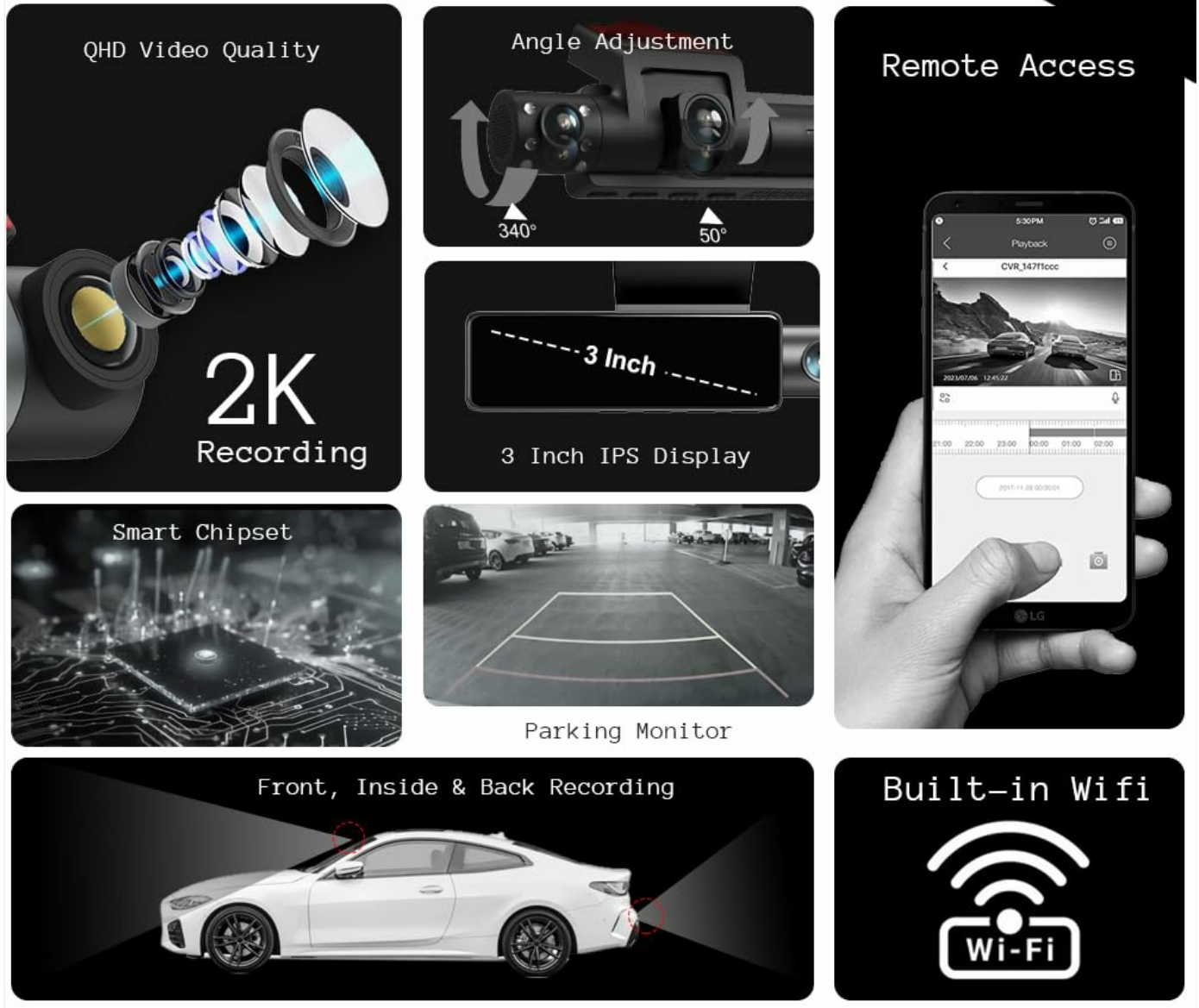


Figure 3.3: A collage showcasing various features of the dash camera, such as QHD 2K recording, adjustable camera angles (340°/50°), 3-inch IPS display, parking monitor, remote access via app, built-in Wi-Fi, and the capability for front, inside, and back recording.

4. SETUP AND INSTALLATION

4.1. What's in the Box:

- 1x CALLMATE Roadventurer Car Dash Cam
- 1x Car Charger
- 1x User Manual

4.2. Inserting a Memory Card:

The dash camera supports TF (microSD) cards up to 256GB. Ensure the card is formatted before first use for optimal performance. Insert the TF card into the designated slot until it clicks into place.

4.3. Mounting the Dash Camera:

The CALLMATE Roadventurer can be mounted on the windshield or dashboard using the provided adhesive tape.

1. Choose a location that does not obstruct the driver's view or interfere with airbags. A position behind the rearview mirror is often ideal.
2. Clean the mounting surface thoroughly to ensure strong adhesion.
3. Peel off the protective film from the adhesive tape on the dash camera mount.
4. Press the mount firmly onto the chosen surface for at least 30 seconds.
5. Adjust the camera angle for optimal front and interior visibility. The camera offers 340° rotation and 50° tilt.



Figure 4.1: Illustration demonstrating the adjustable camera angles of the CALLMATE Roadventurer Dash Camera, allowing for 340° rotation and 50° tilt to achieve optimal field of view for both front and interior cameras.

4.4. Power Connection:

Connect the provided car charger to the USB-C input port on the dash camera and plug the other end into your vehicle's

12V power outlet (cigarette lighter socket). The device will automatically power on and begin recording when the vehicle starts.

5. OPERATING INSTRUCTIONS

5.1. Basic Operation:

- **Power On/Off:** The device powers on automatically with vehicle ignition. To manually power on/off, press and hold the Power Button.
- **Recording:** Recording starts automatically when the device is powered on. A red indicator light or icon on the display will confirm recording is active.
- **Loop Recording:** The dash camera records in continuous loops. When the memory card is full, the oldest unlocked files will be overwritten.
- **G-Sensor (Emergency Recording):** In case of a sudden impact or collision, the built-in G-sensor will automatically lock the current video segment to prevent it from being overwritten.
- **Parking Monitor:** When enabled, the dash camera will automatically start recording if it detects a collision or vibration while the vehicle is parked.
- **Night Vision:** Enhanced low-light performance ensures clear recordings even in dark conditions.
- **Wide Dynamic Range (WDR):** This feature balances exposure to provide clear video in challenging lighting conditions, such as glare or low light.



Wide Dynamic Range

Ensures clear footage in challenging lighting conditions, such as glare or low light.

Figure 5.1: An image illustrating the benefit of Wide Dynamic Range (WDR) technology, which ensures clear footage in challenging lighting conditions, such as strong glare or very low light, by balancing exposure.

5.2. App Control and Wi-Fi Connectivity:

The CALLMATE Roadventurer supports Wi-Fi connectivity and can be controlled via a dedicated smartphone application. This allows for live video access, playback, and settings adjustment.

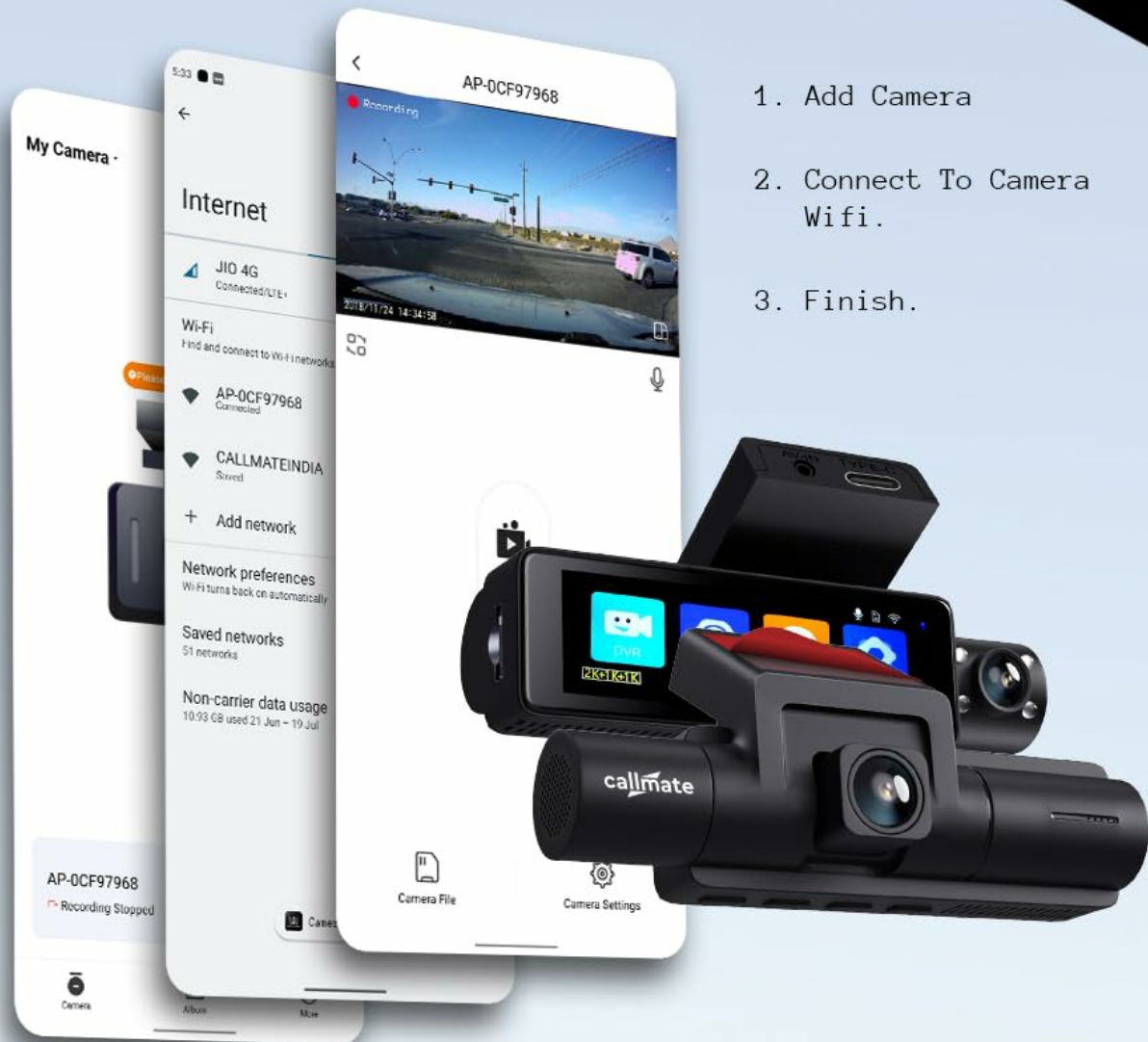
1. Download the official CALLMATE dash cam app from your smartphone's app store.
2. Turn on the dash camera.
3. Enable Wi-Fi on the dash camera through its settings menu.
4. On your smartphone, connect to the dash camera's Wi-Fi network (SSID and password will be displayed on the dash cam screen or in the manual).
5. Open the app and follow the on-screen instructions to add and connect to your camera.

Wireless Access

Access live video using your smartphone.

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1. Add Camera
2. Connect To Camera Wifi.
3. Finish.

Figure 5.2: A visual guide demonstrating the steps for wireless access and app control: 1. Add Camera, 2. Connect To Camera Wifi, 3. Finish. This allows users to access live video and manage settings via their smartphone.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and display screen. Do not use abrasive cleaners or solvents.
- **Memory Card:** It is recommended to format the memory card every 2-4 weeks to maintain optimal performance and prevent data corruption, especially with continuous loop recording. Back up any important files before formatting.
- **Firmware Updates:** Check the official CALLMATE website or app periodically for firmware updates. Keeping your device updated ensures the best performance and access to new features.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty charger; loose connection.	Check car charger connection and vehicle's 12V outlet. Ensure the charger is working. Try a different power source if available.
Recording stops unexpectedly.	Memory card full or corrupted; low power; faulty memory card.	Format the memory card. Use a high-speed (Class 10 or U3) TF card. Ensure continuous power supply. Replace memory card if issue persists.
Video footage is blurry or unclear.	Protective film on lens; dirty lens; incorrect focus.	Remove any protective film from the lens. Clean the lens with a soft cloth. Ensure the camera is securely mounted and not vibrating.
Wi-Fi connection issues.	Incorrect Wi-Fi password; distance from camera; app issues.	Ensure correct Wi-Fi password. Stay within close proximity to the dash cam. Restart both the dash cam and smartphone. Reinstall the app if necessary.
G-Sensor is too sensitive/not sensitive enough.	G-Sensor sensitivity setting.	Adjust the G-Sensor sensitivity level in the dash camera's settings menu.

CAR ACCIDENTS

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For Secure Driving

Dash cams provides you video evidence in case of multiple scenarios.



INCORRECT CHALLANS



Figure 7.1: The dash camera serves as a reliable source of video evidence for various scenarios, such as car accidents or disputes over traffic violations, enhancing secure driving.

8. SPECIFICATIONS



Chipset	SA230D
Screen	3 Inch IPS
Front Camera Resolution	2560 x 1440 px @30 FPS
Inside Camera	1920 x 1080px @20 FPS
Material	ABS
Memory Capacity	Upto 256 GB
Functions	Parking Monitor, Time-lapse Recording, Motion Detect, G-Sensor, Cycle Recording, Audio Record, Wifi, AV-IN, Night Vision

Figure 8.1: A detailed table outlining the technical specifications of the CALLMATE Roadventurer Dash Camera, including Chipset (SA230D), Screen (3 Inch IPS), Front Camera Resolution (2560 x 1440px @30 FPS), Inside Camera Resolution (1920 x 1080px @20 FPS), Material (ABS), Memory Capacity (Upto 256 GB), and Functions (Parking Monitor, Time-lapse Recording, Motion Detect, G-Sensor, Cycle Recording, Audio Record, Wifi, AV-IN, Night Vision).

Feature	Detail
Model Name	H-28-Max-Car-Dash-Cam
Front Camera Resolution	2560 x 1440px @ 30FPS (2K QHD)
Interior Camera Resolution	1920 x 1080px @ 20FPS
Display Size	3 Inches IPS

Feature	Detail
Viewing Angle	170° Wide Angle Lens
Memory Card Support	Up to 256GB TF Card
Connectivity	Wi-Fi, USB-C, AV In Port
Special Features	App Control, Built-In Microphone & Speaker, G-Sensor, Motion Detect, Night Vision, Parking Monitor, Time Lapse Recording, Cycle Recording, WDR
Material	ABS
Chipset	SA230D
Product Dimensions	4.2 x 9.7 x 5.4 cm
Item Weight	87 g

9. WARRANTY AND SUPPORT

9.1. Warranty Information:

Your CALLMATE Roadventurer Dash Camera comes with a **6-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized repairs, or natural disasters.

Please retain your purchase receipt as proof of purchase for warranty claims.

9.2. Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact CALLMATE customer support. Refer to the contact information provided on the product packaging or the official CALLMATE website.

Manufacturer: CALLMATE INDIA PVT. LTD. A-187, Street No. 11, Mahipalpur, 110037, New Delhi

