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› Retoo M038 Dash Cam: Front, Rear, and Interior Car Camera Instruction Manual

Retoo M038

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1. PRODUCT OVERVIEW

The Retoo M038 Dash Cam is a comprehensive 3-in-1 car camera system designed to record your vehicle's surroundings. It includes a main front camera, an internal camera, and an external rear camera, providing 360-degree monitoring. This device records in Full HD 1080p resolution and features a 4-inch LCD screen for live viewing and playback.

Key Features:

- **High Definition Recording:** Captures video in 1080p Full HD resolution.
- **Triple Camera System:** Includes front, interior, and external rear cameras for comprehensive coverage.
- **Wide Angle Lenses:** Features a 170-degree wide-angle lens for the main camera, ensuring an optimal field of view.
- **4-inch LCD Screen:** Provides a clear display for real-time monitoring and reviewing recorded footage.
- **G-Sensor:** Automatically detects sudden movements or collisions and locks the current video file to prevent overwriting.
- **Motion Detection:** Initiates recording when motion is detected, useful for parking surveillance.
- **Loop Recording:** Continuously records by overwriting the oldest unlocked files when the memory card is full.
- **Parking Monitoring:** Provides surveillance of your parked vehicle.
- **Image Enhancement:** Features like exposure adjustment, night photo capability, white balance, and customizable color preferences.

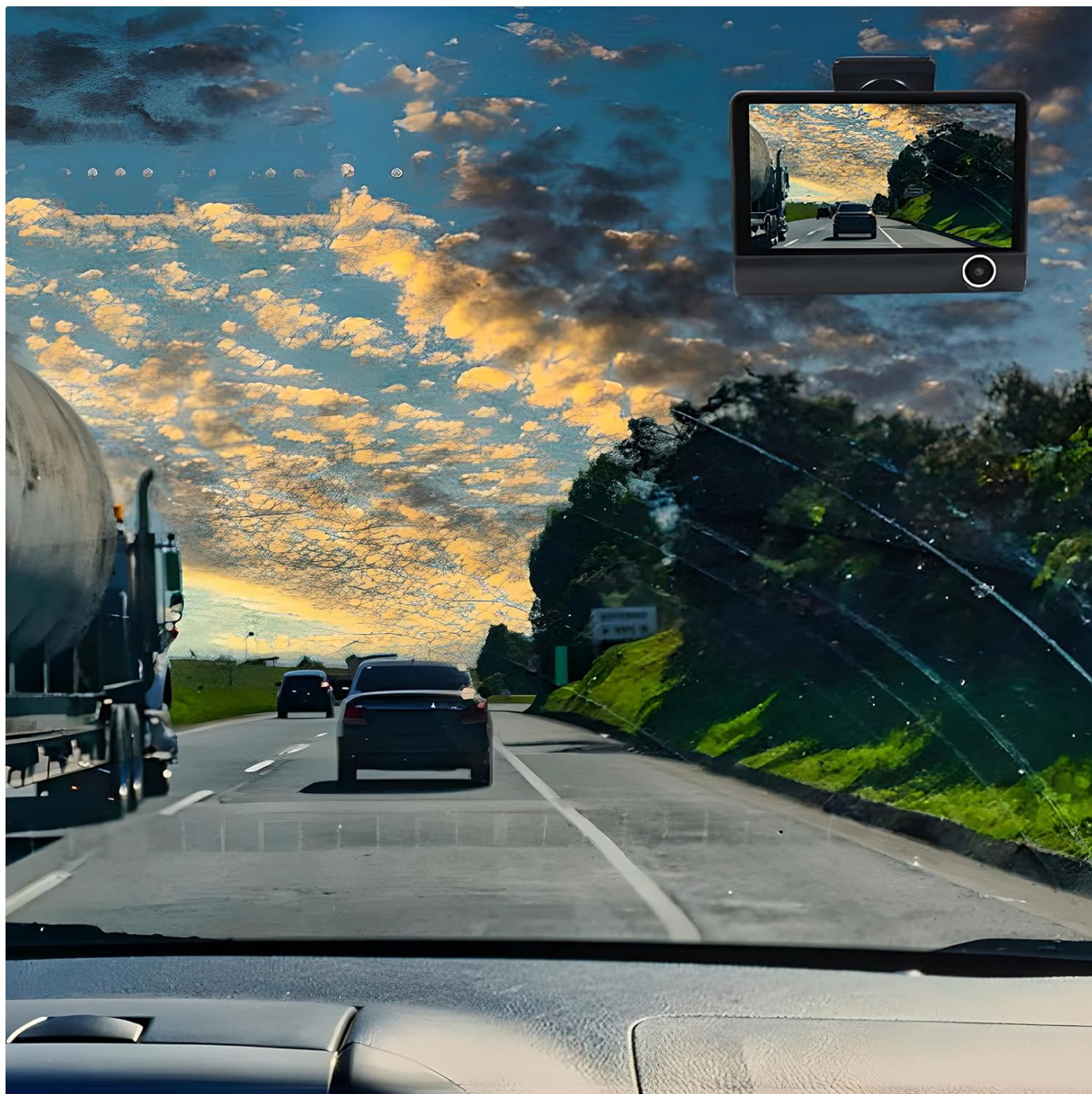


Image 1: The main dash cam view showing the road ahead.



Image 2: Visual representation of the dash cam's wide-angle coverage and parking assistance.

2. SETUP AND INSTALLATION

2.1 Package Contents:

Before installation, ensure all components are present:

- Main Dash Cam Unit (Front and Interior Cameras)
- External Rear Camera
- Car Charger (Power Cable)
- Mounting Bracket (Suction Cup Mount)
- Rear Camera Cable

2.2 Inserting a microSD Card:

The dash cam requires a microSD card (not included) for recording. Insert the microSD card into the designated slot until it clicks into place. Ensure the card is formatted before first use (refer to Section 3.2 for formatting instructions).

2.3 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 main dash cam unit.
3. Press the suction cup firmly against the windshield and secure it using the lever. Position the camera to ensure a clear view of the road without obstructing your driving vision.
4. Connect the car charger to the dash cam's power input and plug the other end into your vehicle's cigarette lighter socket. **Note: The dash cam requires continuous power from the car charger to operate. The internal battery is primarily for emergency file saving and short-term parking monitoring.**



Image 3: Various views of the dash cam installation and its perspective.

2.4 Installing the Rear Camera:

1. Route the rear camera cable from the main dash cam unit to the rear of your vehicle. It is recommended to tuck the cable along the headliner and pillar trim for a neat installation.
2. Mount the external rear camera on the rear windshield or near the license plate, ensuring a clear view.

3. Connect the rear camera cable to the rear camera input on the main dash cam unit.
4. If desired, connect the red wire from the rear camera cable to your car's reverse light power source for automatic parking assist display when reversing.



Image 4: Rear camera view with parking assist lines on the dash cam screen.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off:

- **Automatic Operation:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on (and the car charger is connected). It will power off automatically when the ignition is turned off.
- **Manual Operation:** Press and hold the power button (refer to Image 5 for button location) to manually turn the device on or off.

3.2 Menu Navigation and Settings:

Use the buttons on the side of the dash cam (refer to Image 5) to navigate through the menu options. The 4-inch LCD screen will display the menu.

- **Recording Mode:** Switch between front, interior, and rear camera views.
- **Resolution:** Select video resolution (e.g., 1080p FHD).
- **Loop Recording:** Set the duration for video segments (e.g., 1, 3, 5 minutes). When the memory card is full, the oldest unlocked files will be overwritten.
- **G-Sensor Sensitivity:** Adjust the sensitivity of the G-sensor. A higher sensitivity will lock more video files upon minor impacts.
- **Motion Detection:** Enable or disable motion detection for parking surveillance.
- **Parking Monitor:** Activate this feature for continuous surveillance when the vehicle is parked.
- **Date/Time Stamp:** Ensure the correct date and time are set for accurate recording logs.
- **Format SD Card:** **It is crucial to format the microSD card regularly (at least once a month) to maintain optimal performance and prevent recording errors.** This will erase all data on the card.
- **Language:** Select your preferred menu language.



Image 5: Dash Cam components and controls. (1) Front Camera, (2) Mounting Slot, (3) Speaker, (4) Up Button, (5) Menu/Mode Button, (6) Down Button, (7) OK/Record Button, (8) Power Button, (9) Interior Camera, (10) MicroSD Card Slot, (11) USB Power Port.

3.3 Recording and Playback:

- **Starting Recording:** The device typically starts recording automatically when powered on. A red indicator light or icon on the screen usually confirms recording is active.
- **Stopping Recording:** Press the OK/Record button to manually stop recording.
- **Playback:** In standby mode, press the Menu/Mode button to switch to playback mode. Use the Up/Down buttons to navigate through recorded files and the OK/Record button to play a selected video.
- **G-Sensor Event:** In case of a collision, the G-sensor will trigger, and the current video segment will be locked, preventing it from being overwritten by loop recording.



Image 6: G-Sensor activated, locking important footage.

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lenses and the LCD screen. Avoid using abrasive cleaners or solvents.
- **MicroSD Card:** Regularly format the microSD card to ensure stable recording performance and prevent data corruption. Replace the card if you experience frequent errors or degraded performance.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for extended periods, as this can affect battery life and device performance.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates to improve performance or add new features.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty car charger; internal battery depleted.	Ensure the car charger is securely connected and the vehicle's cigarette lighter socket is functional. The internal battery is not designed for prolonged operation without external power.
Dash cam turns off unexpectedly.	Power supply interruption; internal battery depleted.	Verify the car charger connection. The internal battery has limited capacity and is primarily for emergency file saving.
Recording stops or freezes.	MicroSD card error; card full; slow card speed.	Format the microSD card. Use a high-speed (Class 10 or U1/U3) microSD card. Replace the card if the issue persists.
Poor video quality.	Dirty lens; protective film still on lens; incorrect resolution setting.	Clean the camera lenses. Remove any protective film. Check video resolution settings in the menu.
G-sensor is too sensitive/not sensitive enough.	G-sensor sensitivity setting is incorrect.	Adjust the G-sensor sensitivity in the settings menu.
Menu language is not English.	Incorrect language selected.	Navigate to the language settings in the menu and select English.

6. SPECIFICATIONS

Feature	Detail
Brand	Retoo
Model Number	M038
Screen Size	4 inches
Video Resolution	1080p Full HD
Camera Angles	Front: 170°, Interior: 110°, Rear: 140° (approximate)
Battery Type	Lithium-ion (internal, limited capacity)
Storage	MicroSD card (not included, Class 10 or higher recommended)
Special Features	G-Sensor, Motion Detection, Loop Recording, Parking Monitor, Night Vision support, White Balance adjustment.

7. WARRANTY INFORMATION

This Retoo M038 Dash Cam comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

Please retain your proof of purchase for warranty claims.

8. SUPPORT AND CONTACT

For technical support, troubleshooting assistance, or warranty inquiries, please contact your retailer or the manufacturer directly. Refer to the product packaging or the retailer's website for specific contact details.

For additional resources, you may visit the [Retoo Brand Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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