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Motors 4.0" Touch Screen Rearview Mirror Camera

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Model: 4.0" Touch Screen Rearview Mirror Camera

1. INTRODUCTION

The Motors 4.0-inch Touch Screen Rearview Mirror Dash Cam is a comprehensive vehicle recording system designed to enhance driving safety and provide incident evidence. This device integrates a front camera, a rear camera, and a 4.0-inch touch screen display into a rearview mirror form factor. Key features include motion detection, loop recording, parking monitoring, wide-angle lenses, and a G-Sensor for automatic incident recording.

Six Display Modes



Front



Rear



Front + Rear



Front + Rear



Rear + Front



Rear + Front

Another benefit of high pixels is excellent color reproduction, which can more realistically record the colors and scenes in the driving environment, which is very helpful for accurately recording facts in the event of an accident.

Image 1.1: The Motorsi 4.0-inch Touch Screen Rearview Mirror Dash Cam, showing its sleek design and integrated display.

2. WHAT'S IN THE BOX

Please verify that all components are present in the package:

- DVR (Digital Video Recorder) Mirror Dash Cam Unit
- Power Cord (for cigarette lighter port)

- Mounting Bandages/Straps
- Extended Line (for rear camera connection)
- Rear View Camera
- User Manuals
- TF Card (64GB, may be included as a gift)



Image 2.1: Diagram illustrating the components included in the product package, such as the main DVR unit, power cord, rear camera, and mounting accessories.

3. SETUP AND INSTALLATION

The Motorsi dash cam is designed for straightforward installation. No specialized tools or technical expertise are required.

3.1 Mounting the Mirror Dash Cam

1. Secure the main DVR unit over your existing rearview mirror using the provided bandages/straps. Ensure it is firmly attached and does not obstruct your view.

3.2 Connecting the Rear Camera

1. Connect the rear camera to the main DVR unit using the extended line.
2. Route the cable neatly along the vehicle's headliner and trim to the rear of the vehicle.
3. Mount the rear camera in a suitable location, typically above the license plate or inside the rear window, ensuring a clear view.

3.3 Power Connection

1. Plug the power cord into the DVR unit and then into your vehicle's cigarette lighter port.
2. If your vehicle's cigarette lighter port turns off with the ignition, the dash cam will power on and off automatically.



Image 3.1: Visual guide for installing the mirror dash cam and routing the rear camera cable within a vehicle.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the device's functions for optimal use.

4.1 Powering On/Off

- The device powers on automatically when the vehicle ignition is turned on (if connected to a switched power source).
- To manually power on/off, press and hold the power button located on the unit.

4.2 Display Modes

The dash cam offers six display modes to view footage from the front, rear, or both cameras simultaneously.

- **Front View:** Displays only the front camera footage.
- **Rear View:** Displays only the rear camera footage.
- **Front + Rear (Picture-in-Picture):** Shows both camera views, with one as a smaller inset.
- **Rear + Front (Picture-in-Picture):** Shows both camera views, with the rear as the main view and front as a smaller inset.

Tap the screen or use the designated button (if available) to cycle through the display modes.



Image 4.1: Examples of the six available display modes, illustrating how front and rear camera views can be combined or shown individually.

4.3 Exposure Compensation

Adjust the exposure settings to optimize video clarity in varying light conditions. This feature allows you to reduce brightness during strong daylight or increase it at night to prevent overexposure or underexposure.

- Access the exposure settings through the on-screen menu.
- Adjust the parameter to achieve desired brightness.

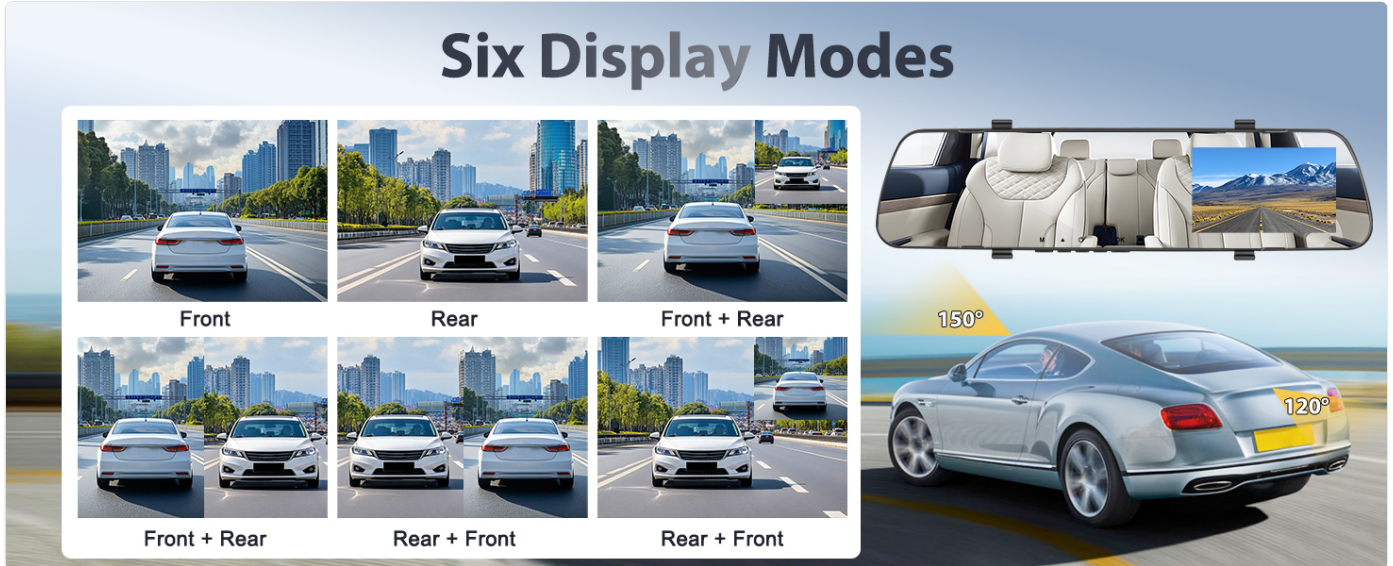


Image 4.2: Visual demonstration of exposure compensation, showing improved visibility in both bright daytime and low-light nighttime conditions.

4.4 G-Sensor and Loop Recording

- **G-Sensor:** This sensor automatically detects sudden impacts or collisions. Upon detection, it locks the current video footage to prevent it from being overwritten, preserving critical evidence.
- **Loop Recording:** The device continuously records by overwriting the oldest footage when the memory card is full. You can set recording segments to 1, 3, or 5 minutes. This ensures uninterrupted recording.



Image 4.3: Diagram explaining loop recording, where the dash cam continuously records and overwrites older files, with a visual of a 64GB TF card.

4.5 Motion Detection

When enabled, motion detection initiates recording if vibration or other abnormalities are detected around the parked vehicle. This

feature enhances security and provides surveillance when the vehicle is unattended.

- Activate motion detection through the device settings.
- Recording will automatically start if movement is detected.



Image 4.4: A visual representation of the motion detection feature, showing the camera activating when a person is near the vehicle.

4.6 Reverse Assist

The rear camera provides a wide 120-degree view, which is particularly useful for parking and reversing. The display can show guidelines to help drivers accurately judge parking positions and the vehicle's path.



Image 4.5: An overhead view of a car parking, with the dash cam display showing reverse assist guidelines to aid in maneuvering.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your dash cam.

- **Cleaning:** Gently wipe the camera lenses and screen with a soft, lint-free cloth. Avoid abrasive cleaners that could scratch the surfaces.
- **Memory Card:** Regularly format the TF card (up to 64GB supported) within the device settings to maintain optimal recording performance and prevent data corruption. Replace the card if you experience frequent errors or recording issues.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates to ensure your device has the latest features and bug fixes.

6. TROUBLESHOOTING

If you encounter issues with your Motorsi dash cam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Images appear too bright or washed out (overexposed).	High ambient light, incorrect exposure setting.	Adjust the exposure compensation setting in the menu to reduce brightness.
Images appear too dark or unclear at night (underexposed).	Low ambient light, incorrect exposure setting.	Adjust the exposure compensation setting in the menu to increase brightness.
Dash cam does not power on.	No power supply, faulty power cord, vehicle's cigarette lighter port issue.	Check power cord connection. Ensure vehicle's cigarette lighter port is functional. Try a different power source if available.
Recording stops or freezes.	Memory card full, corrupted, or incompatible.	Format the TF card. Ensure the card is a high-speed Class 10 or higher. Replace the card if issues persist.
Rear camera not displaying.	Loose connection, faulty cable or camera.	Check the connection of the extended line to both the main unit and the rear camera.

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	13.26 x 4.68 x 2.4 inches (33.68 x 11.89 x 6.1 cm)
Item Weight	1.19 pounds (539 Grams)
Connectivity Technology	Auxiliary, Wireless
Special Features	G-Sensor, Motion Detection, Loop Recording
Video Capture Resolution	1080p
Front Camera Angle	150 degrees
Rear Camera Angle	120 degrees
Mounting Type	Windshield Mount (over rearview mirror)
Brand	Motorsi
Manufacturer	Motorsi
Vehicle Service Type	Car

8. WARRANTY AND SUPPORT

Motors is committed to providing friendly and professional customer service and technical support.

- If you have any questions or require assistance, please feel free to contact our technical support team.
- Our professional technical team aims to reply to inquiries within 24 hours.

For specific warranty details, please refer to the documentation included with your purchase or contact the seller directly. The seller for this product is Podoflo Flagship Store-US.