

## ecomoment GT801

# ecomoment GT801 Dash Cam User Manual

Model: GT801

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your ecomoment GT801 Dash Cam. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize its features. The GT801 is a dual dash camera system offering 4K front and 1080P rear recording, built-in Wi-Fi, GPS, and a 24-hour parking monitor.

## 2. PACKAGE CONTENTS

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Verify that all items listed below are present in your package:

- 1 x GT801 Dash Cam (Front Camera)
- 1 x Rear Camera (with 22.5ft cable)
- 1 x 32GB SD Card (pre-installed into GT801)
- 1 x Car Charger (11.5ft cable)
- 1 x User Manual
- 1 x Installation Guide
- 2 x Adhesive Pads
- 1 x Easy Pry Tool

# Ultra-compact & Discreet Design

East to Install High-temp Resistance  
Durable Mini Body



Image: Contents of the ecomoment GT801 Dash Cam package, showing the main dash cam unit, rear camera, car charger, SD card, user manual, and installation tools.

## 3. PRODUCT OVERVIEW

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The ecomoment GT801 Dash Cam is designed to provide comprehensive vehicle surveillance. It features a compact design, dual-camera recording capabilities, and advanced functionalities like Wi-Fi, GPS, G-sensor, and loop recording.



Image: The ecomoment GT801 Dash Cam, showcasing its main unit, a separate rear camera, and a smartphone displaying the accompanying mobile application interface with map and video playback.

### Key Features:

- **Dual-Camera Recording:** Front 4K (3840x2160P) and Rear 1080P (1920x1080P)
- **Wide Angle Lenses:** Front 170°, Rear 160°
- **Built-in Wi-Fi & GPS:** For app control, video management, and route tracking.
- **Superior Night Vision:** Starlight night vision sensor and F1.8 large aperture.
- **G-Sensor:** Automatic collision detection and video locking.
- **Loop Recording:** Overwrites oldest footage when the SD card is full.
- **24-Hour Parking Monitor:** Requires hardwire kit (sold separately).
- **2.0" IPS Screen:** For live view and playback.

- **Compact Design:** Discreet installation without obstructing view.

## 4. SETUP AND INSTALLATION

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### 4.1 Inserting the SD Card

The 32GB SD card is pre-installed. If you need to replace it or ensure it's properly seated:

1. Locate the SD card slot on the side of the dash cam.
2. Gently push the SD card into the slot until it clicks into place. Ensure the correct orientation.
3. To remove, push the card in again until it springs out.

**Note:** The device supports up to 256GB SD cards. For optimal performance, format the SD card within the dash cam settings before first use and periodically thereafter.

### 4.2 Mounting the Front Dash Cam

Choose a location on your windshield that does not obstruct your view and is close to the center of the vehicle.

1. Clean the chosen area on the windshield thoroughly.
2. Attach one adhesive pad to the dash cam mount.
3. Remove the protective film from the adhesive pad and firmly press the dash cam onto the windshield. Hold for 30 seconds to ensure a secure bond.
4. Adjust the lens angle to ensure it captures the road ahead clearly.



# Security Companion in the Night



Starvis Sensor  
Night Vision



F1.8 Large  
Aperture

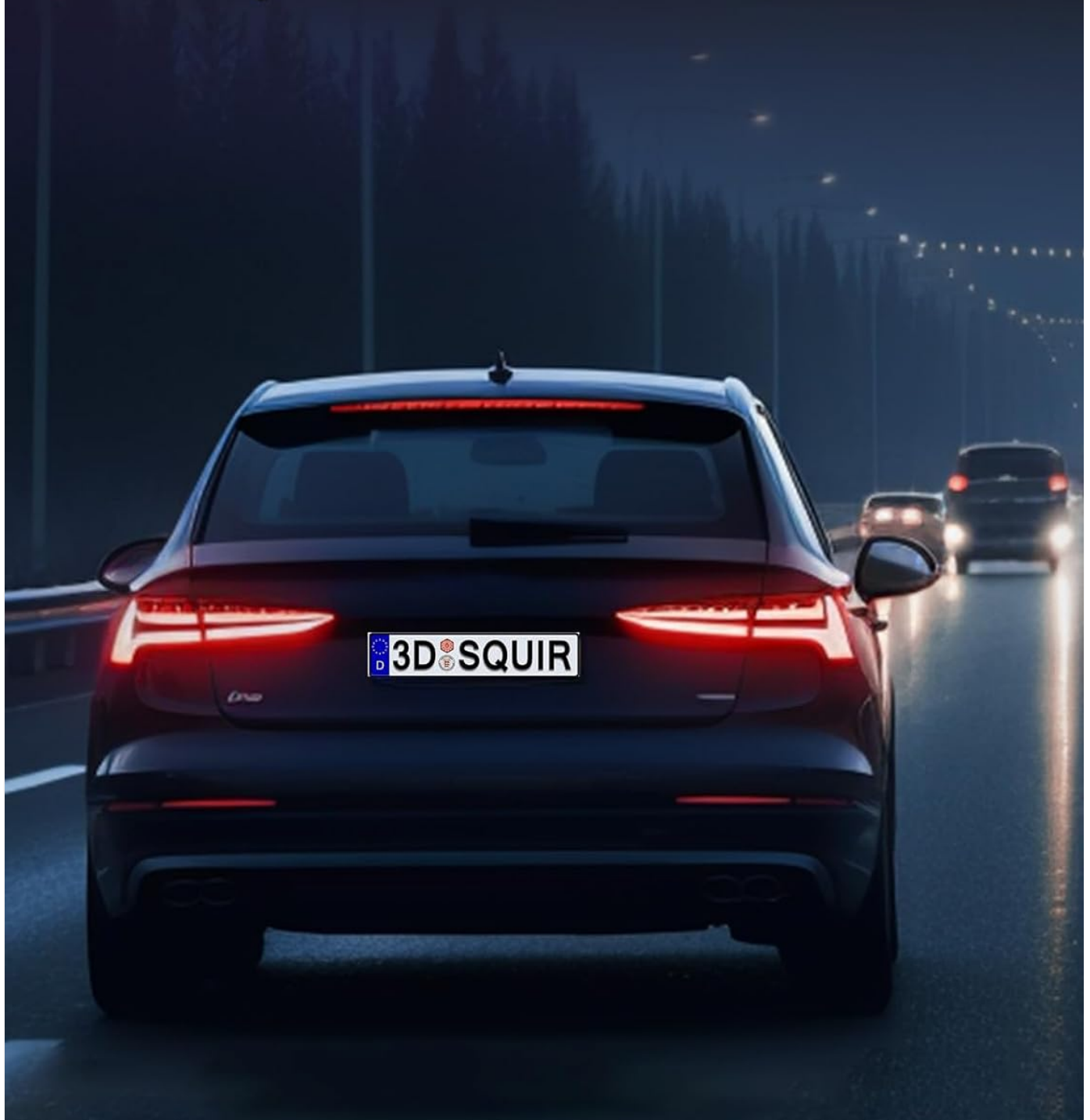


Image: The ecomoment GT801 Dash Cam discreetly mounted on the upper center of a car's windshield, showing its compact size and minimal obstruction to the driver's view.

## 4.3 Installing the Rear Camera

The rear camera is typically installed on the rear windshield. Ensure the view is clear and unobstructed.

1. Clean the chosen area on the rear windshield.
2. Attach the adhesive pad to the rear camera mount and secure it to the rear windshield.
3. Route the rear camera cable to the front dash cam. Use the easy pry tool to tuck the cable neatly along the headliner and A-pillars to conceal it.
4. Connect the rear camera cable to the designated port on the main dash cam unit.

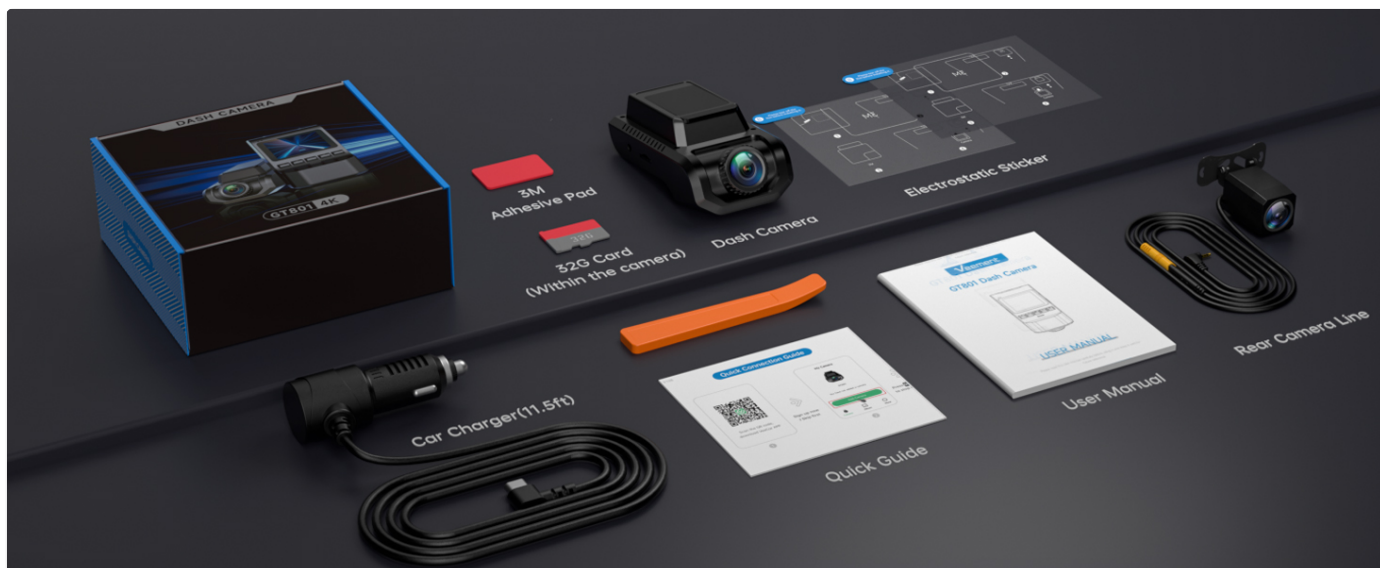


Image: An illustration demonstrating the easy installation process of the ecomoment GT801 Dash Cam, showing the front camera connected to the car charger, the rear camera connected to the front camera via a cable, and an overhead view of the camera placement in a car.

## 4.4 Power Connection

1. Connect the car charger cable to the Type-C port on the dash cam.
2. Plug the other end of the car charger into your vehicle's cigarette lighter socket.
3. Once the vehicle ignition is turned on, the dash cam will automatically power on and begin recording.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

- **Power On/Off:** The dash cam powers on automatically with vehicle ignition and powers off when the ignition is turned off. You can manually power on/off by pressing and holding the power button.
- **Recording:** Once powered on, the dash cam automatically starts loop recording. A red indicator light or "REC" icon on the screen confirms recording is active.
- **Screen Display:** The 2.0" IPS screen displays live views from the front and rear cameras. You can switch between views or turn off the screen display in the settings to avoid distraction.

### 5.2 Wi-Fi & App Control

The built-in Wi-Fi allows you to connect your smartphone to the dash cam for easy control and video management using the "VeeCar" app.

1. Download the "VeeCar" app from the App Store (iOS) or Google Play Store (Android).
2. Turn on the dash cam's Wi-Fi function (refer to the device's menu settings).
3. On your smartphone, go to Wi-Fi settings and connect to the dash cam's Wi-Fi network (SSID and password will be displayed on the dash cam screen).

4. Open the "VeeCar" app. You can now view live footage, playback recorded videos, download files to your phone, and adjust settings.

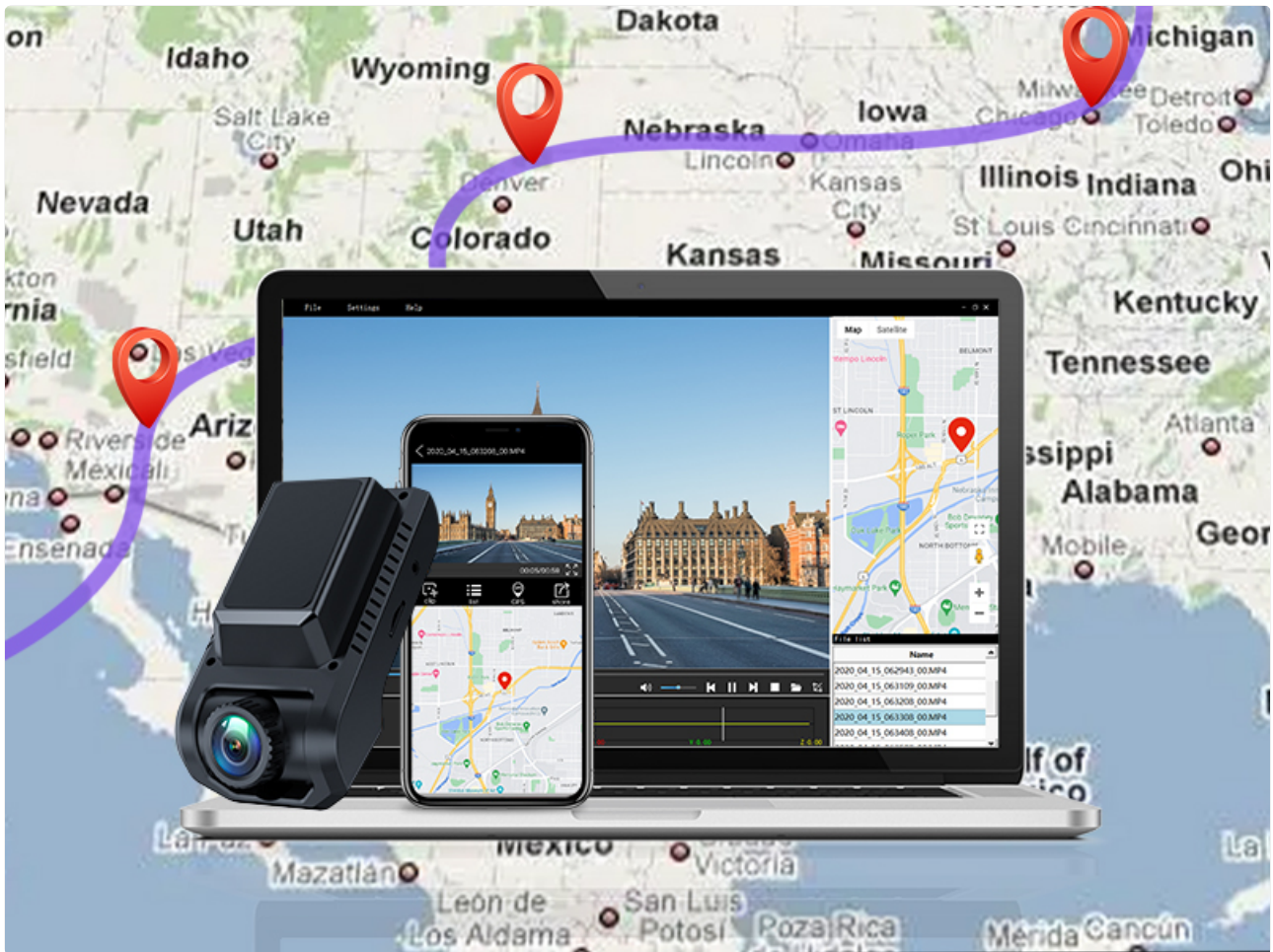


Image: Multiple smartphone screens displaying the "VeeCar" application, which is used to control the ecomoment GT801 Dash Cam. The app shows live video feeds, recorded video playback, and GPS route tracking on a map.

### 5.3 GPS Functionality

The built-in GPS module records your driving route, speed, and location data. This information can be viewed via the "VeeCar" app or a dedicated GPS player on a computer.

- Ensure the dash cam has a clear view of the sky for optimal GPS signal reception.
- After recording, connect to the app or transfer files to a computer to review GPS data alongside video footage.

# Loop Recording

2H

4H

8H

16H

32G

64G

128G

258G

- Recording time for different SD cards



Image: A laptop and a smartphone screen both showing map-based GPS route tracking alongside video footage, demonstrating the ecomoment GT801 Dash Cam's integrated GPS functionality for monitoring driving routes and location history.

## 5.4 Parking Monitor (Requires Hardwire Kit)

The 24-hour parking monitor feature provides surveillance even when your vehicle is parked. This function requires a separate hardwire kit (not included, ASIN: B0D93KLNJR) for continuous power supply.

- When properly hardwired, the dash cam will automatically switch to parking mode after the vehicle is turned off.
- In parking mode, the dash cam can record continuously using a time-lapse function or activate recording upon detecting impact (G-sensor) or motion (if supported by the hardwire kit).



Image: An illustration depicting the 24-hour parking mode feature of the ecomoment GT801 Dash Cam, showing a stylized car at night with a shield icon, indicating continuous surveillance. An icon for a hardwire kit is also present, signifying its necessity for this feature.





Image: An illustration demonstrating the Time Lapse recording feature of the ecomoment GT801 Dash Cam in parking mode. It shows a smartphone playing back compressed video footage of a parked car, with a hardwire kit icon indicating its requirement.

## 5.5 G-Sensor and Loop Recording

- **G-Sensor:** In the event of a sudden impact or collision, the built-in G-sensor automatically detects the event and locks the current video segment, preventing it from being overwritten by loop recording.
- **Loop Recording:** The dash cam continuously records in short segments (e.g., 1, 3, or 5 minutes). When the SD card is full, the oldest unlocked files are automatically overwritten to make space for new recordings.



Image: An infographic illustrating the G-sensor and Loop Recording features of the ecomoment GT801 Dash Cam. The G-sensor is depicted with two cars in a collision, showing a locked video icon. Loop recording is shown with a timeline of video segments, indicating how older footage is overwritten.

## 6. MAINTENANCE

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- **SD Card Formatting:** It is recommended to format the SD card every 2-4 weeks to maintain optimal recording performance and prevent data corruption. This can be done through the dash cam's menu settings.
- **Cleaning:** Use a soft, dry cloth to clean the dash cam lens and screen. Avoid using abrasive cleaners or solvents.
- **Temperature:** The dash cam is designed to operate in a wide range of temperatures (-4°F to 160°F). However, prolonged exposure to extreme heat or cold can affect its lifespan.
- **Firmware Updates:** Check the ecomoment official website or contact support for any available firmware updates to improve performance and add new features.



Image: An illustration highlighting the extreme durability of the ecomoment GT801 Dash Cam, showing it functioning reliably in both cold (-4°F, snowy road) and hot (165°F, desert road) environments, emphasizing its super capacitor for enhanced durability.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty car charger; loose connection.	Check car charger connection; ensure vehicle ignition is on; test charger in another port or with another device.
Recording stops or freezes.	SD card full; SD card error; incompatible SD card; faulty SD card.	Format the SD card; replace with a high-quality Class 10 or U3 SD card; check for firmware updates.
Poor video quality.	Dirty lens; protective film still on lens; incorrect resolution settings.	Clean the lens; remove any protective film; ensure video resolution is set to 4K (front) and 1080P (rear).
Wi-Fi connection issues.	Incorrect Wi-Fi password; app not updated; interference.	Verify Wi-Fi password; update "VeeCar" app; try connecting in a different location.
GPS not tracking.	Poor satellite signal; GPS module obstructed.	Ensure dash cam has a clear view of the sky; drive in an open area.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	GT801
Video Capture Resolution	Front: 4K (3840x2160P) @30fps; Rear: 1080P (1920x1080P) @25fps
Field of View	Front: 170 Degrees; Rear: 160 Degrees
Screen Size	2.0" IPS Display
Connectivity Technology	USB, Wi-Fi



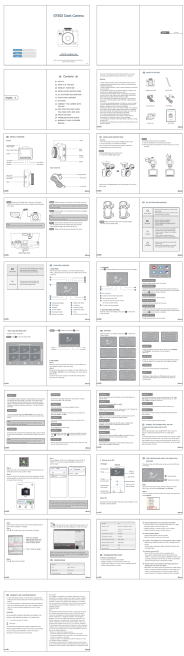
Feature	Detail
Special Features	Built-in Wi-Fi, APP Control, 24H Parking Monitor (Hardwire Kit Needed), G-Sensor, Loop Recording, Super Night Vision, Type-C Port
Storage	Supports up to 256GB SD Card (32GB included)
Product Dimensions	1.6 x 2.2 x 4 inches
Item Weight	3.52 ounces
Operating Temperature	-4°F to 160°F (approx. -20°C to 71°C)

## 9. WARRANTY AND SUPPORT

ecomoment offers a **1-year free warranty** and **lifetime professional technical support** for the GT801 Dash Cam. If you encounter any issues or require assistance, please do not hesitate to contact ecomoment customer support. Refer to the contact information provided in your product packaging or on the official ecomoment website.

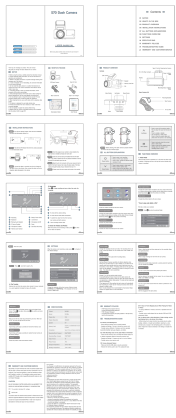
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### Related Documents



[Ecomoment GT802 Dual Dash Camera User Manual](#)

User manual for the Ecomoment GT802 4K+1080P dual dash camera for cars, featuring built-in WiFi, GPS, a 2.4" IPS screen, 170° wide-angle view, night vision, WDR, G-sensor, and includes a 32GB SD card.



### [Ecomoment S70 Dash Cam User Manual](#)

User manual for the Ecomoment S70 dual dash camera system, featuring 2.5K front and 1080P rear recording, a 3.16-inch IPS screen, 170° wide angle, night vision, G-sensor, and 24-hour parking monitoring.