

ecomoment S90

Ecomoment S90 Dash Cam Front and Rear Instruction Manual

Model: S90

INTRODUCTION

Thank you for choosing the Ecomoment S90 Dash Cam. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new dual dash camera. Please read this manual thoroughly before use to ensure optimal performance and safety.

NOTE: Please remove the protective film from the lens before use!

WHAT'S IN THE BOX

Upon unpacking, please verify that all items listed below are included:

- 1x S90 Dash Cam
- 1x Rear Camera (22.5ft cable)
- 1x 32GB SD Card (pre-installed into S90)
- 1x Car Charger (11.5ft cable)
- 1x Easy Pry Tool
- 2x Electrostatic Sticker
- 1x Spare 3M Adhesive Pad
- 1x User Manual
- 1x Installation Guide



Image: All components included in the Ecomoment S90 Dash Cam package.

Video: An unboxing video demonstrating the contents of the Ecomoment S90 Dash Cam package.

PRODUCT OVERVIEW

The Ecomoment S90 is a high-performance dual dash camera designed to provide comprehensive recording of your driving experience. It features a compact design, a 1.47-inch IPS screen, and advanced functionalities for enhanced road safety and evidence collection.

Key Features:

- **Dual-Camera Recording:** Records QHD 2.5K (2560*1440P) for the front and FHD 1080P for the rear simultaneously.
- **Wide-Angle Coverage:** Front 170° wide angle and rear 160° wide angle to minimize blind spots.
- **1.47" IPS Display:** High-definition screen for easy viewing and setting adjustments.
- **Built-in Wi-Fi & App Control:** Connects to the "VeeCar" app for convenient viewing, playback, and management on iOS/Android devices.
- **Super Night Vision & WDR Technology:** F1.8 aperture, 6-layer lens, and Wide Dynamic Range (WDR) ensure clear footage in low-light conditions.
- **G-Sensor:** Automatically detects sudden shakes/collisions and locks footage to prevent overwriting.
- **Loop Recording:** Automatically overwrites the oldest recordings when the memory card is full.
- **24-Hour Parking Mode:** (Requires optional V5F hardwire kit) Provides continuous monitoring when parked.
- **Included 32GB SD Card:** Ready for immediate use, supports up to 256GB Max.

1440P Crisper Pixels

Compact design & 1.47" IPS screen

2.5K+1080P



2.5K

2.5K
QHD



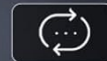
1.47"
Screen



G-Sensor



Parking
Monitor



Loop
Recording

Image: The Ecomoment S90 Dash Cam highlighting its 1440P resolution and 1.47-inch IPS screen.

2.5K

Dual Recording
Design



Front 170°

Front 2.5K-2560*1440P



Rear 160°

Rear 1080P-1920*1080P



1.47" Display

Waterproof Design



Image: Illustration of the S90's dual recording design, showing 170-degree front and 160-degree rear wide-angle views.

Super Night Vision

With an F1.6 large aperture, the 6-Glass lens enhances the recording in low-light environments.



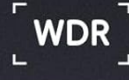
Super
Sensor



F1.6
Aperture



6-Glass
Lens



WDR



Image: Demonstrates the Super Night Vision capability of the S90, featuring an F1.6 large aperture and 6-Glass lens for enhanced low-light recording.

SETUP AND INSTALLATION

Follow these steps to properly install your Ecomoment S90 Dash Cam:

1. **Power On and Test:** Connect the car charger to your vehicle's power source and then to the S90 Dash Cam. The front camera should power on, allowing you to confirm it is in working condition.
2. **Prepare Windshield:** Clean the area on your windshield where you intend to mount the front camera. Apply one of the electrostatic stickers to this area. This protects your windshield from the adhesive.
3. **Attach Front Camera:** Peel off the protective film from the 3M adhesive pad on the front camera mount. Firmly press the camera onto the electrostatic sticker on your windshield, ensuring a clear view of the road.
4. **Cable Management (Front Camera):** Use the provided pry tool to neatly tuck the power cable along the edge of your windshield, down the A-pillar, and towards your car's power source (cigarette lighter).
5. **Route Rear Camera Cable:** Connect the rear camera cable to the main dash cam unit. Use the pry tool to route this cable along the headliner, down the side pillars, and all the way to the rear of your vehicle.

6. **Attach Rear Camera:** Clean the rear windshield area. Apply the second electrostatic sticker. Attach the rear camera to this sticker using its adhesive pad, ensuring it has a clear view of the rear.



Image: A diagram illustrating the recommended cable routing for the Ecomoment S90 Dash Cam and its rear camera.

Video: A step-by-step guide on how to install the Ecomoment S90 Dash Cam in a vehicle, including cable management.

OPERATING INSTRUCTIONS

Automatic Operation:

The S90 Dash Cam is designed for automatic operation. Once connected to your car's power source, it will automatically power on and begin recording when you start your vehicle, and power off when you turn off the ignition.

Recording Modes:

- **Loop Recording:** The dash cam continuously records video in segments (e.g., 1, 3, or 5 minutes). When the memory card reaches its storage limit, the newest recordings will automatically overwrite the oldest unlocked recordings. This ensures continuous recording without manual deletion.
- **G-Sensor (Emergency Lock):** In the event of a sudden shake or collision, the built-in G-Sensor will automatically detect the impact and lock the current video segment. This prevents the emergency footage from being overwritten by loop recording, securing crucial evidence.
- **24-Hour Parking Mode:** To enable 24-hour parking mode, the optional V5F hardwire kit (not included) must be installed. This feature allows the dash cam to monitor your vehicle for impacts or motion even when the engine is off, providing protection against potential mishaps and hit-and-runs.



Image: Illustrates the G-Sensor's collision detection and the loop recording function of the S90 Dash Cam.



Image: Shows the 24/7 Parking Mode features of the S90, including collision detection, low bitrate recording, and low-frame rate recording (requires hardwiring cable).

Wi-Fi & App Control:

The S90 Dash Cam features built-in Wi-Fi for seamless connection to your smartphone via the "VeeCar" app (available for iOS and Android).

1. **Download App:** Search for "VeeCar" in your device's app store and install it.
2. **Connect via Wi-Fi:** Turn on the dash cam. On your smartphone, go to Wi-Fi settings and connect to the S90's Wi-Fi network (SSID usually starts with "S90-"). The default password is 12345678.
3. **Manage Recordings:** Open the "VeeCar" app. You can now view live footage, play back recorded videos, download files to your phone, and adjust camera settings. You can also edit and share videos directly from the app.

Important Note: Connection to the app may not be possible when using wireless CarPlay or Android Auto. If you experience connection issues with iOS 18, try restarting your phone.

24/7 Parking Mode

Protect your parked vehicle against potential mishaps and hit-and-runs all day
(hardwiring cable required Asin: B0D93KLNJR)



Image: Highlights the S90's built-in Wi-Fi and control via the dedicated VeeCar App, showing app interface and sharing options.

Video: Demonstrates the Ecomoment S90 Dash Cam's features, including 2.5K + 1080P recording and app connectivity.

MAINTENANCE

SD Card Management:

The S90 Dash Cam comes with a 32GB SD card pre-installed. It supports up to a 256GB Max capacity. For optimal performance, it is recommended to format the SD card regularly (e.g., once a month) using the option within the VeeCar app or the camera's settings. This helps maintain recording quality and prevents data corruption.

Cleaning:

To ensure clear video quality, regularly clean the camera lenses and the 1.47" IPS screen. Use a soft, lint-free cloth. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth (not directly to the lens).

Firmware Updates:

Periodically check the Ecomoment official website or the VeeCar app for any available firmware updates. Keeping your dash cam's firmware up-to-date ensures you have the latest features and performance improvements.

TROUBLESHOOTING

If you encounter any issues with your Ecomoment S90 Dash Cam, please refer to the following common solutions:

- **Camera Not Powering On:** Ensure the car charger is securely plugged into both the vehicle's power source and the dash cam. Check your vehicle's fuse for the power outlet.
- **App Connection Issues:** Verify that your phone's Wi-Fi is connected to the dash cam's network. If using wireless CarPlay or Android Auto, temporarily disable them. For iOS 18 users, restarting your phone may resolve connection problems.
- **Poor Video Quality:** Ensure both front and rear camera lenses are clean and free from protective film. Check that the resolution settings in the app are set to 2.5K/1080P. For night vision, ensure the lenses are clean and WDR is enabled.
- **SD Card Errors:** Format the SD card regularly. If errors persist, try a different compatible SD card (Class 10 or higher, up to 256GB).
- **G-Sensor Not Triggering:** Adjust the G-Sensor sensitivity setting in the app.

If you continue to experience problems, please contact our customer support for assistance.

SPECIFICATIONS

Feature	Description
Model Name	S90
Front Video Resolution	QHD 2.5K (2560*1440P) @30fps
Rear Video Resolution	FHD 1080P (1920*1080P) @30fps
Front Field of View	170° Wide Angle
Rear Field of View	160° Wide Angle
Display	1.47" IPS Screen
Connectivity	Built-in Wi-Fi, APP Control (VeeCar)
Night Vision	Super Night Vision with F1.8 Aperture & 6-Layer Lens, WDR Technology
Storage	32GB SD Card Included, Supports up to 256GB Max
Special Features	G-Sensor, Loop Recording, 24H Parking Monitor (Hardwire Kit Needed)
Power Source	Car Charger (11.5ft)
Product Dimensions	1.2 x 3.7 x 1.79 inches
Item Weight	15.1 ounces

WARRANTY AND SUPPORT

The Ecomoment S90 Dash Cam is backed by a **12-month warranty**. We also offer a **45-day refund guarantee**. If you encounter any issues or have questions, please do not hesitate to contact our customer support team.

Customer Support Email: support@customerafter-sales.com

Our team is committed to responding to your inquiries within 12 hours.