

Miofive S1

# Miofive Car Camera S1 Instruction Manual

Comprehensive guide for setup, operation, and maintenance of your Miofive S1 4K Dash Cam.

	Overview	What's in the Box	Setup	Operation	Key
Features	Maintenance	Troubleshooting	Specifications	Warranty & Support	

## 1. PRODUCT OVERVIEW

The Miofive S1 Car Camera is a high-resolution dash cam designed to capture driving footage in stunning 4K (2160P) resolution. It features a 140° wide-angle lens, HDR technology, and enhanced super night vision for clear recordings in various lighting conditions. Integrated GPS and Wi-Fi connectivity allow for easy access to recorded videos and tracking of vehicle data via the Miofive app. The device includes loop recording, G-sensor for automatic incident locking, and supports 24-hour parking monitoring with an optional hardwire kit. Its supercapacitor design ensures durability across a wide temperature range.



Figure 1.1: Miofive S1 Dash Cam with included 32GB memory card and a view of the companion mobile application displaying recorded footage and GPS data.

## 2. WHAT'S IN THE BOX

Upon unboxing your Miofive S1 Car Camera, please verify that all the following components are present:

- Miofive S1 Dash Cam x 1
- Car Charger x 1
- Charging Cable x 1
- Crowbar x 1 (for cable routing)
- Data Cable x 1
- Static Sticker x 2 (for windshield mounting)
- 3M Adhesive x 1 (for mounting)
- User Manual x 1 (this document)
- 32GB Memory Card x 1 (pre-installed or included separately)

## What's in the Box



Figure 2.1: All components included in the Miofive S1 Dash Cam package.

## 3. SETUP AND INSTALLATION

### 3.1 Preparing for Installation

1. **Clean the Windshield:** Ensure the area where the dash cam will be mounted is clean and dry.
2. **Insert Memory Card:** Insert the provided 32GB microSD card into the dash cam's memory card slot. The dash cam supports up to 512GB microSD cards.
3. **Initial Power On (Optional for Calibration):** It is recommended to power on the dash cam briefly before permanent mounting to ensure proper AI feature calibration.

### 3.2 Mounting the Dash Cam

1. **Apply Static Sticker:** Place one of the static stickers on your windshield in the desired mounting location. This helps in easy removal and repositioning without leaving residue.
2. **Attach 3M Adhesive:** Apply the 3M adhesive to the dash cam mount.
3. **Mount the Dash Cam:** Firmly press the dash cam mount with the adhesive onto the static sticker on the windshield. Hold for a few seconds to ensure a secure bond.
4. **Adjust Angle:** Adjust the dash cam's angle to ensure a clear view of the road ahead. The mount allows for 360° rotation for optimal positioning.



Figure 3.1: The dash cam mount allows for easy disassembly and 360-degree adjustment.

### 3.3 Power Connection

1. **Connect Car Charger:** Plug the car charger into your vehicle's cigarette lighter socket.
2. **Connect Charging Cable:** Connect the charging cable from the car charger to the dash cam's power input port.
3. **Route Cable:** Use the provided crowbar to neatly tuck the charging cable along the edges of your windshield and dashboard to conceal it.

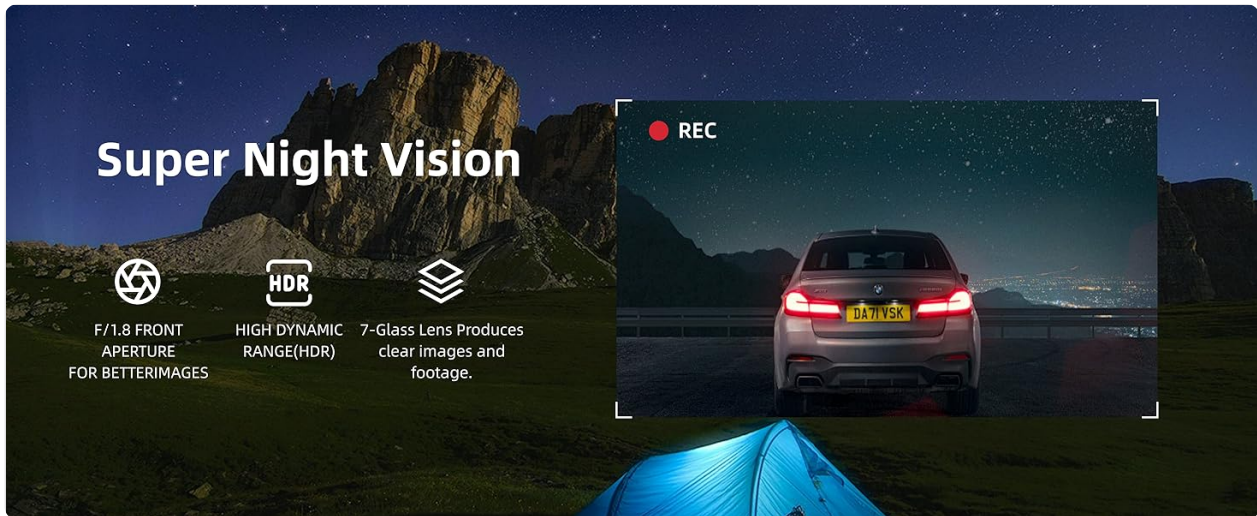


Figure 3.2: Proper cable routing for a clean installation.

### 3.4 App Installation and Connection

The Miofive app is available for both Android and iOS devices. It allows you to view, download, and manage your dash cam footage.

1. **Download App:** Search for "Miofive" in your device's app store (App Store for iOS, Google Play Store for Android) and install the application.
2. **Enable Wi-Fi and Bluetooth:** On your smartphone, enable Wi-Fi and Bluetooth.
3. **Connect to Dash Cam Wi-Fi:** Open the Miofive app. Follow the in-app instructions to connect to the dash cam's Wi-Fi network. The default Wi-Fi name and password can be found in the dash cam settings or the included quick start guide.
4. **Pair Bluetooth:** The app will guide you through Bluetooth pairing for enhanced connectivity.



Figure 3.3: Miofive app interface for Wi-Fi and Bluetooth connection.

## 4. OPERATION

### 4.1 Basic Recording

The Miofive S1 Dash Cam automatically begins recording when powered on. It records in a continuous loop, overwriting the oldest files when the memory card is full.

- **Automatic Start/Stop:** The dash cam powers on and starts recording automatically when your vehicle's

ignition is turned on. It powers off shortly after the ignition is turned off.

- **Loop Recording:** Videos are recorded in 1-minute segments. When the memory card is full, the oldest unlocked files are overwritten.



Figure 4.1: Seamless loop recording ensures continuous coverage.

## 4.2 G-Sensor and Emergency Recording

The built-in G-sensor detects sudden impacts or rapid acceleration/deceleration. When triggered, the current video segment is automatically locked to prevent it from being overwritten by loop recording.

- **Automatic Locking:** In the event of a collision, the G-sensor activates, securing the footage.
- **Manual Locking:** You can manually lock a recording by pressing the designated button on the dash cam.

## 4.3 Parking Monitoring (Requires Hardwire Kit)

For 24-hour parking monitoring, the dash cam requires a separate hardwire kit (ASIN: B0CRHJQ3WQ). Once installed, the dash cam can utilize time-lapse recording or G-sensor triggered recording while the vehicle is parked.

- **Time-lapse Mode:** Records continuously at a low frame rate, saving storage space.
- **G-sensor Triggered:** Records only when an impact is detected.



Figure 4.2: Parking monitoring features, including time-lapse and G-sensor activation.

## 4.4 Using the Miofive App

The Miofive app provides comprehensive control and access to your dash cam's features:

- **Live View:** Stream real-time video from the dash cam to your smartphone.
- **Video Playback and Download:** Browse recorded videos, play them back, and download important clips directly to your phone.

- **Settings Adjustment:** Modify dash cam settings such as resolution, G-sensor sensitivity, and parking mode options.
- **GPS Tracking:** View your vehicle's location, speed, and route history on a map.
- **Firmware Updates:** Perform Over-The-Air (OTA) firmware updates directly through the app.



Figure 4.3: App interface for video playback and GPS data.



Figure 4.4: Frame-by-frame video playback feature in the app.



Figure 4.5: Over-The-Air (OTA) firmware update via the Miofive app.

## 5. KEY FEATURES

- **True 4K/2160P Recording:** Captures video in ultra-high definition with a 140° wide-angle lens.



Figure 5.1: High-resolution 4K video capture.

- **Enhanced Super Night Vision & HDR:** Improves visibility and clarity in low-light conditions and balances exposure in high-contrast scenes.



Figure 5.2: Improved night vision with WDR technology.

- **Built-in GPS and 5G Wi-Fi:** Provides accurate location, speed tracking, and fast wireless data transfer to your mobile device.



Figure 5.3: Integrated GPS for tracking and fast Wi-Fi for data transfer.

- **Upgraded Supercapacitor:** Offers superior durability and performance in extreme temperatures compared to traditional batteries.

## Super Capacitor



Ultra durability



Longer product life



Withstands higher heat & cold temperatures



Fire & explosion-proof for safety first



❄️ -4°F / -20°C
☀️ 158°F / 70°C

Figure 5.4: Supercapacitor for enhanced temperature resistance and longevity.

- **3-Inch IPS Screen:** Provides a clear and wide viewing angle for real-time monitoring and playback.



Figure 5.5: Large 3-inch IPS display for clear viewing.

- **AI Capabilities (Stop & Go Reminder):** Features intelligent reminders, such as alerting you when traffic ahead starts moving.

# MIOFIVE

Founded in 2008, our company specializes in the design and development of car recorders with a fully self-developed chip architecture.

At first, we provided chipset solutions for our customers, and then we set up a dedicated AI and cloud computing team to provide customers with comprehensive intelligent travel solutions. We have established strategic partnerships with industry leaders such as Volkswagen and 360 Security, and have achieved remarkable results, with our flagship AI module AV870 becoming a bestseller in 360 high-end product line.

In 2021, we opened a new chapter with the launch of our own brand, Miofive. The first product, MF01, was a huge success on the Kickstarter, which reinforced our belief of user-centered innovation.

Miofive is always committed to pioneering cutting-edge technologies that redefine in-vehicle intelligence while creating superior value for our partners and users.

Figure 5.6: AI-powered Stop & Go Reminder for traffic awareness.

## 6. MAINTENANCE

### 6.1 Memory Card Management

- **Regular Formatting:** It is recommended to format the microSD card every 2-4 weeks to maintain

optimal performance and prevent data corruption. This can be done through the dash cam's settings menu or via the Miofive app.

- **Card Replacement:** MicroSD cards have a limited lifespan due to continuous overwriting. If you experience recording errors or corrupted files, consider replacing the memory card. Use high-end microSD cards (U3, V30 or higher recommended).

### 6.2 Cleaning the Dash Cam

- **Lens Cleaning:** Gently wipe the camera lens with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials.
- **Body Cleaning:** Use a dry or slightly damp cloth to clean the body of the dash cam. Do not use chemical cleaners.

### 6.3 Firmware Updates

Periodically check for firmware updates through the Miofive app. Updates can improve performance, add new features, and fix bugs.

- **OTA Updates:** Firmware updates are delivered Over-The-Air (OTA) via the Miofive app. Ensure your dash cam is connected to the app and has sufficient power during the update process.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty cable/charger.	Check car charger connection and vehicle's cigarette lighter socket. Try a different power source or cable.
Recording stops or files are corrupted.	Memory card full/faulty; incompatible card; card not formatted.	Format the microSD card regularly. Use a high-quality, compatible microSD card (U3, V30). Replace the card if issues persist.
Wi-Fi connection issues with app.	Incorrect Wi-Fi password; distance from dash cam; app glitch.	Ensure correct Wi-Fi password. Move closer to the dash cam. Restart the app and dash cam. Re-pair Wi-Fi.
G-sensor is too sensitive/not sensitive enough.	G-sensor sensitivity setting.	Adjust G-sensor sensitivity in the dash cam settings via the Miofive app.
Poor video quality at night.	Dirty lens; extreme low light conditions.	Clean the camera lens. Ensure HDR and Super Night Vision features are enabled in settings.

## 8. PRODUCT SPECIFICATIONS

Feature	Detail
Model Name	S1 (True 4K)
Video Capture Resolution	2160p (4K)

Feature	Detail
Field of View	140 Degrees
Screen Size	3-inch IPS Screen
Connectivity Technology	Bluetooth, Wi-Fi (5G)
Special Features	Built-in Bluetooth Pairing, 5G WiFi, GPS, Supercapacitor, Microphone, Loop Recording, Parking Monitor, Night Vision, G-Sensor, Free Miofive App, Over-The-Air Firmware Updates, AI Capabilities, Speed Camera Alert, 32GB Memory Card Included, Up To 512GB External Storage Support, HDR (High Dynamic Range)
Mounting Type	Windshield Mount
Product Dimensions	1.57 x 2.56 x 2.95 inches
Item Weight	3.52 ounces
Power Source	Car Charger (Supercapacitor for power stability)
Operating Temperature	Designed to withstand wide temperature changes (Supercapacitor benefit)

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

Miofive offers an 18-month warranty for the S1 Car Camera. This warranty covers manufacturing defects and ensures product reliability.

- **Warranty Period:** 18 months from the date of purchase.
- **Coverage:** Manufacturing defects.
- **Satisfaction Guarantee:** 100% satisfaction guarantee.






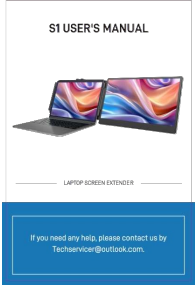
Figure 9.1: Miofive Warranty and Support details.

## 9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Miofive customer service:

- **Email:** [support@miofive.com](mailto:support@miofive.com)
- **Technical Support:** Lifetime technical solution support is provided.

## Related Documents

 The cover of the MIOFIVE S1 User Manual. It features the MIOFIVE logo at the top, followed by the title 'S1 User Manual'. Below the title is a small image of the dash cam. At the bottom, there is a disclaimer about distractions and safety, and contact information for techsupport@miofive.com.	<p><a href="#">MIOFIVE S1 Dash Cam User Manual</a></p> <p>Comprehensive user manual for the MIOFIVE S1 Dash Cam, covering installation, setup, app connection, features, troubleshooting, and specifications.</p>
 The cover of the MIOFIVE S1 E User Manual. It features the MIOFIVE logo at the top, followed by the title 'S1 E User Manual'. Below the title is a small image of the dash cam. At the bottom, there is a disclaimer about distractions and safety, and contact information for techsupport@miofive.com.	<p><a href="#">MIOFIVE S1 E Dash Cam User Manual - Installation, Operation, and Troubleshooting Guide</a></p> <p>Comprehensive user manual for the MIOFIVE S1 E Dash Cam. Covers installation, app connection, features, troubleshooting, and specifications for optimal driving safety and recording.</p>
 The cover of the MIOFIVE DASH CAM User Manual. It features the MIOFIVE logo at the top, followed by the title 'DASH CAM User Manual'. Below the title is a small image of the dash cam. At the bottom, there is a disclaimer about distractions and safety, and contact information for techsupport@miofive.com.	<p><a href="#">Miofive DASH CAM User Manual: Installation, Features, and Troubleshooting</a></p> <p>A comprehensive user manual for the Miofive DASH CAM, detailing installation steps, app usage, device features, troubleshooting common issues, technical specifications, and important safety precautions.</p>
 The cover of the S1 USER'S MANUAL. It features the title 'S1 USER'S MANUAL' at the top, followed by a small image of the laptop screen extender. Below the image is the text 'LAPTOP SCREEN EXTENDER'. At the bottom, there is a blue box with contact information for techsupport@miofive.com.	<p><a href="#">S1 Laptop Screen Extender User Manual</a></p> <p>Comprehensive user manual for the S1 Laptop Screen Extender, detailing product introduction, installation, connection modes, audio and display settings for Windows and macOS, and essential safety information.</p>