

Miofive MF01

Miofive Car Dash Cam MF01 User Manual

Model: MF01

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Miofive Car Dash Cam MF01. This device is designed to record your driving in high definition, offering features such as 4K UHD resolution, built-in GPS, 5G WiFi connectivity, G-Sensor for incident detection, motion detection, and parking mode with time-lapse recording. Please read this manual thoroughly before using your dash cam to ensure optimal performance and safety.

For additional support and product information, please visit the official Miofive website or contact customer support.

2. SETUP

2.1. What's in the Box

- Miofive 4K Dash Cam (Front Unit)
- Rear Camera
- Car Charger
- Charging Cable (USB-A to USB-C)
- Rear Camera Cable (Mini USB to Mini USB)
- Crow Bar (for cable tucking)
- Static Stickers (4 pieces)
- Backup Double-sided Adhesive Tapes
- User Manual
- Hardwire Kit (Note: Hardwire Kit is included for advanced parking mode features.)



Figure 2.1: Contents of the Miofive Car Dash Cam MF01 package.

2.2. Mounting the Dash Cam

1. **Clean the Windshield:** Ensure the installation area on your windshield is clean and dry.
2. **Apply Static Sticker:** Place a static sticker on the desired location on your windshield. This allows for easier removal and repositioning without leaving adhesive residue directly on the glass.
3. **Attach Mounting Bracket:** Secure the adhesive mounting bracket to the static sticker. Ensure it is firmly pressed to avoid air bubbles.
4. **Mount the Front Dash Cam:** Slide the main dash cam unit onto the mounting bracket until it clicks into place. The recommended placement is behind the rearview mirror to avoid obstructing the driver's view.
5. **Mount the Rear Camera:** For the rear camera, clean the rear windshield and attach it using the provided adhesive. Adjust the camera angle for optimal rear view coverage.



Figure 2.2: Front dash cam mounted discreetly behind the rearview mirror.

2.3. Power Connection

- **Connect Front Camera:** Plug the USB-C end of the charging cable into the DC/IN port on the front dash cam.
- **Connect Rear Camera:** Use the provided rear camera cable to connect the rear camera to the 2CH port on the front dash cam.
- **Connect to Power Source:** Plug the car charger into your vehicle's 12V outlet. Route the cables neatly along the windshield trim using the crow bar to hide them.
- **Hardwire Installation (Optional):** For 24-hour parking monitoring, connect the dash cam using the included hardwire kit directly to your vehicle's fuse box. Refer to the hardwire kit's specific instructions for this installation.

2.4. App Download and Connection

1. **Download the Miofive App:** Scan the QR code in the user manual or search for "Miofive" in your device's app store (App Store for iOS, Google Play for Android).
2. **Register/Log In:** Follow the on-screen prompts to register a new account or log in if you already have one.
3. **Connect via Wi-Fi:**

- Ensure the dash cam's Wi-Fi is enabled and your smartphone is within 2 meters.
- On your smartphone, go to Wi-Fi settings and connect to the Miofive dash cam's Wi-Fi network (SSID typically starts with "Miofive_xxxx"). The default password is usually 1234567890.
- Return to the Miofive app. The app should automatically detect and connect to your dash cam.

3. OPERATING INSTRUCTIONS

3.1. Basic Recording

- **Automatic Start/Stop:** The dash cam automatically powers on and begins recording when your vehicle's ignition is turned on. It stops recording and powers off when the ignition is turned off.
- **Loop Recording:** The dash cam continuously records, overwriting the oldest footage when the internal 64GB eMMC storage is full. Important event videos (triggered by G-Sensor) are protected from being overwritten.
- **Display:** The 2.2-inch IPS display shows a live view of the front camera. You can switch between front and rear camera views via the app.

Real 4K UHD Resolution & Super Night Vision





Sony IMX415
Starvis Sensor



3840*2160
30fps



Ultra Wide
Angle: 140°



Built-In 64G
eMMC Storage:
No need of SD card

Figure 3.1: Dash cam display showcasing 4K UHD resolution and night vision.

3.2. Advanced Driving Assistance (AI Algorithm)

The Miofive Dash Cam incorporates an intelligent AI algorithm to enhance driving safety:

- **Go Assist:** Alerts you when the car ahead moves after a stop (e.g., at a traffic light), prompting you to proceed.
- **Driving Alerts:** Provides warnings for sudden turns, harsh braking, and rapid accelerations.



Figure 3.2: AI Intelligent Algorithm in action, providing 'Go Assist' functionality.



Figure 3.3: Safety Reminder Assistance features.

3.3. GPS and 5G WiFi Connectivity

- **GPS Tracking:** The built-in GPS records your vehicle's location and speed data, which is embedded in the video footage. This information can be viewed via the Miofive app.
- **5G WiFi:** Utilize the 5G WiFi connectivity for fast and seamless transfer of video footage to your smartphone or tablet. This allows for quick viewing, downloading, and sharing of recordings.

Built-in 5GHz Wi-Fi & GPS

Enjoying 5GHz WiFi for easy video access with ultimate speed.

Built-in GPS for recording speed and location on Google Map via phone.



Faster and easier record/download your vehicle's location, driving route, speed.



Track and share your vehicle's location and driving speed on Social App(Android & iOS) with the ultimate-speed transmission to keep your proofs in case of an accident(GPS inside).

Tips: Miofive only can support the devices which it can reach the 5GHz WiFi.



Figure 3.4: 5G WiFi and GPS features for data management and tracking.

3.4. Parking Mode and G-Sensor

When hardwired, the dash cam offers 24-hour surveillance:

- **Motion Detection:** The camera wakes up and records when movement is detected around your parked vehicle.
- **Collision Detection (G-Sensor):** The built-in G-Sensor automatically detects impacts or sudden movements and saves the footage to a protected "event folder" to prevent accidental deletion. This is crucial for documenting hit-and-run incidents or vandalism.
- **Time-Lapse Recording:** In parking mode, the dash cam can record continuously in time-lapse to save storage space while providing comprehensive coverage.

MIOFIVE 4K FULL HD FHD1.8 FOV130°

24H

24 Hour Monitoring & G-Sensor

Note: Must be hardwired or connect with external battery
Hardwire Kit is sold separately via ASIN: B09JNMRGXK

Motion Detection
Auto wake up and record movement at once.

Collision Detection
Auto detect impact and record it even the dash cam is off.

G-Sensor
Auto save records to "event folder" to protect your files against accidental deletion.

Figure 3.5: 24-hour monitoring with Motion Detection and G-Sensor.

4. MAINTENANCE

4.1. Storage Management

The Miofive Dash Cam MF01 features built-in 64GB eMMC storage, eliminating the need for an external SD card. The loop recording function ensures continuous recording by overwriting the oldest non-event footage. Event videos triggered by the G-Sensor are automatically protected.

- **Saving Footage:** To save specific footage permanently, download it to your smartphone via the Miofive app or connect the dash cam to a computer using the data cable.
- **Formatting Storage:** If you experience storage issues or wish to clear all data, you can format the built-in storage via the dash cam's settings menu or the Miofive app.

4.2. Firmware Updates

Periodically check for firmware updates through the Miofive app. Firmware updates can improve performance, add new features, and resolve potential issues. Follow the app's instructions for a safe and successful update.

Your browser does not support the video tag.

Video 4.1: Official Miofive video demonstrating the 4K UHD Dash Cam features and app functionality, including firmware updates.

5. TROUBLESHOOTING

- **Dash Cam Not Powering On:** Ensure the power cable is securely connected to both the dash cam and the car charger/hardwire kit. Check the vehicle's 12V outlet or fuse connection.
- **Wi-Fi Connection Issues:** Verify that the dash cam's Wi-Fi is enabled and your smartphone is within 2 meters. Ensure you are connecting to the correct SSID and entering the correct password. Some users reported needing to switch from 5G to 2.4G connection on their phone for initial setup, though the dash cam supports 5G.
- **GPS Signal Loss:** Ensure the dash cam has a clear view of the sky. Obstructions can interfere with GPS signal reception.
- **Voice Warnings/Alerts:** If voice warnings are distracting, they can be disabled or adjusted in the Miofive app settings under the AI features.
- **Camera Not Recording:** Check if the dash cam is receiving power. Ensure the internal storage is not full (though loop recording should prevent this for normal footage). If issues persist, try formatting the built-in storage.
- **Poor Video Quality:** Ensure the camera lens is clean and free from obstructions. Check the resolution settings in the app to confirm 4K UHD is selected for the front camera.
- **Factory Reset:** If you encounter persistent issues, performing a factory reset through the dash cam's system settings or the app can often resolve software-related problems.

6. SPECIFICATIONS

Feature	Description
Brand	Miofive
Model Name	MF01
Video Capture Resolution	Front: 4K (2160P) @30fps, Rear: 2K (1440P) @30fps
Image Sensor	Sony IMX415 Starvis Sensor
Field Of View	140 Degrees (Real Angle of View)
Connectivity Technology	Wi-Fi (5G)
Special Features	Built-In 5G WiFi, Built-In GPS, Built-In Microphone, Loop Recording, Parking Monitor, Night Vision, G-Sensor, Voice Guidance, AI Algorithm
Storage	Built-in 64GB eMMC Flash Memory
Screen Size	2.2 Inches LCD
Power Input	5V / 5A
Operating Temperature	-10°C to 45°C (14°F to 113°F)

Item Dimensions (D x W x H)	2.95"D x 4.57"W x 2.05"H
Item Weight	4.94 Ounces

7. WARRANTY AND SUPPORT

7.1. Warranty Information

The Miofive Car Dash Cam MF01 comes with an 18-month Limited Warranty. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use.

7.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Miofive customer support:

- **Email:** support@miofive.com
- **Online:** Visit the official Miofive website for FAQs and additional resources.

Miofive offers lifetime technical support for its products.