

OMBAR M573

OMBAR Dash Cam M573 User Manual

Model: M573

1. PRODUCT OVERVIEW

The OMBAR M573 is a versatile 3-channel dash camera system designed to provide comprehensive surveillance for your vehicle. It simultaneously records front, rear, and interior views in high resolution, offering crucial evidence for various driving situations. Key features include 5G WiFi, built-in GPS, infrared night vision, G-sensor, and multiple parking modes.



Figure 1.1: OMBAR M573 Dash Cam and its mobile app interface.

Key Features:

- **3-Channel Recording:** Simultaneous 2K (Front) + 1080P (Inside) + 1080P (Rear) recording.
- **Flexible Dual Dashcam Modes:** Configurable as 4K/2K/1080P front and 1080P rear, or 4K/2K/1080P front and 1080P inside.
- **Infrared Night Vision:** Cabin camera with 6 IR LED lights for clear recording in low light or total darkness.
- **Built-in 5G WiFi & GPS:** Faster data transfer and accurate driving route/speed recording via the 'OMBAR' app.
- **Super Capacitor:** Enhanced durability and temperature resistance (-4°F to 158°F) compared to traditional batteries.
- **G-Sensor & Loop Recording:** Automatic collision detection and file locking to prevent overwriting.
- **24-Hour Parking Modes:** Time-Lapse and Collision Detection modes for continuous vehicle monitoring (requires optional hardwire kit).
- **3.18" LCD Screen:** For live view, playback, and settings adjustment.
- **64GB TF Card Included:** Supports up to 256GB (format before first use).

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present:

- OMBAR M573 Dash Cam Unit
- Rear Camera (6m/19ft cable)
- Type-C Cigarette Lighter Power Cable (3.5m/11.5ft)
- 64GB Micro SD Card (pre-inserted)
- User Manual
- Adhesive Mounts and Cable Clips
- Pry Tool



Figure 2.1: All components included in the OMBAR M573 Dash Cam package.

3. SETUP AND INSTALLATION

3.1 Micro SD Card Installation

The 64GB TF card is typically pre-inserted. Before first use, it is crucial to format the SD card within the dash cam's settings to ensure proper functionality and compatibility. The dash cam supports up to 256GB SD cards.

Free 64G SD Card Included

- ONLY recommend OMBAR SD card, please format the SD card before the first-time use
- Format Reminder: 15 days & 30 days
(Can be set on the menu button)



Figure 3.1: Inserting the Micro SD card into the dash cam.

3.2 Mounting the Dash Cam

The OMBAR M573 features a magnetic bracket and detachable design for easy installation and removal. Choose a location on your windshield that does not obstruct your view.

- Clean the windshield surface thoroughly.
- Attach the adhesive mount to the windshield.
- Connect the dash cam to the magnetic bracket.
- Adjust the camera angle using the 135° rotatable bracket for optimal front view recording.

Magnetic Bracket & Detachable Design

Magnetic bracket make operation easy and quick to install, detachable design protects the dash camera at all times.

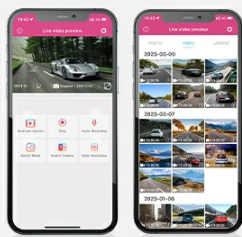


Figure 3.2: Magnetic bracket and detachable design for easy mounting.

135° Rotatable Angle

The flexible up-and-down adjustment of the 135° rotatable bracket makes it simple for the driver to obtain the ideal angle for recording.



Detachable Design

Easily transportable and quick to install, detachable design protects the dash camera at all times.



Figure 3.3: Adjusting the 135° rotatable angle for optimal view.

3.3 Connecting the Rear and Cabin Cameras

The rear camera and cabin camera support 360° rotation for flexible viewing angles. Connect them to the main dash cam unit. Ensure the dash cam's power is disconnected before plugging or unplugging any cameras.

Rotatable Lens

360° Inside & 360° Rear

Inside Camera and rear camera allow 360° rotation, providing a wide range viewing angle.



Figure 3.4: Rotatable lenses for inside and rear cameras.

3.4 Power Connection

Connect the Type-C cigarette lighter power cable to the dash cam and your vehicle's cigarette lighter socket. The dash cam will automatically power on and begin recording when the vehicle starts.

4. OPERATION

4.1 Button Functions

The dash cam features several buttons for control. Note that button control is disabled when connected to the mobile app and resumes when WiFi is disconnected.

- 1** • Press once -turn ON/OFF screen
• Press and hold while the camera is ON -turn OFF the camera
- 2** • Press once while recording -shift camera display mode
• Press and hold -turn ON/OFF audio recording
- 3** • Press once -start/stop video recording
• Press once -play/pause video while in playback mode
- 4** • Press once -take photo
• Press and hold -turn ON/OFF WiFi
- 5** • Press once while recording -manually lock the video
• Press once while unrecording -enter/quit menu setting
• Press and hold while unrecording -enter/quit playback setting
- 6** • Reset to default: poke dash cam's R button 1 time with a pin



Note: The dash cam cannot be controlled by pressing buttons when connected to the APP, and will return to normal when WiFi disconnected.



Figure 4.1: Dash Cam Button Functions.

1. **Power Button:** Press once to turn ON/OFF screen. Press and hold while camera is ON to turn OFF the camera.
2. **Mode/Audio Button:** Press once while recording to shift camera display mode. Press and hold to turn ON/OFF audio recording.
3. **OK Button:** Press once to start/stop video recording. Press once to play/pause video while in playback mode.
4. **Photo/WiFi Button:** Press once to take a photo. Press and hold to turn ON/OFF WiFi.
5. **Menu/Lock Button:** Press once while recording to manually lock the video. Press once while unrecording to

enter/quit menu setting. Press and hold while unrecording to enter/quit playback setting.

6. **Reset Button:** Poke dash cam's R button 1 time with a pin to reset.

4.2 Mobile App Control (OMBAR App)

The OMBAR Dash Cam features built-in Dual-Band WiFi (2.4GHz & 5.0GHz) for faster transfer speeds. The 'OMBAR' app allows you to control the dash cam, view, download, and share videos directly from your smartphone (iPhone & Android).

- **App Download:** The original 'OnCam' app is no longer available. Please scan the QR code below or search for 'OMBAR' or 'KACAM' on Google Play or the App Store to download the new app.
- **Connectivity:** The effective WiFi signal range is approximately 25ft. It does not support remote live viewing from home.
- **Automatic Recording:** The dash cam will record automatically when plugged into power (must always be plugged into the cigarette lighter).

NOTICE OF APP UPDATED



If Oncam APP cannot be downloaded and used, please scan the QR code to download a new APP. You can search for the "**OMBAR**" APP to download it now.

Figure 4.2: QR Code for OMBAR App Download.

Free OMBAR App

View, Replay, Download & Share Videos on Social Media.

- No need always connect to WiFi during using.
- Dash cam will record automatically when plug into power (must be always plugged into the cigarette lighter)
- WiFi effective distance is 25ft, do not support remotely live view.

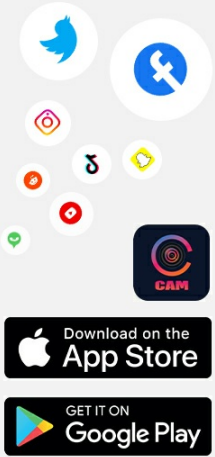


Figure 4.3: OMBAR App Interface.

4.3 GPS Tracking

The built-in GPS module records your driving route and speed data. This data can be viewed using a dedicated GPS player (available for Windows and macOS, please contact customer support for download link). Note that the dash cam cannot be used as a GPS navigation device.

GPS Tracking

Cannot be used as GPS navigation, only records the vehicle's route and speed data



Figure 4.4: GPS Tracking Functionality.

4.4 Loop Recording

The dash cam continuously records in 1, 2, or 3-minute segments. When the SD card is full, the oldest unlocked video files will be automatically overwritten to make space for new recordings.

Endless Loop Recording

1/2/3 min loop recording, the oldest video will be overwritten when the SD card is full.

Recording time for different SD cards.

32G	64G	128G	256G
2H	4H	8H	16H



Figure 4.5: Endless Loop Recording.

4.5 G-Sensor & Emergency Recording

The built-in G-sensor automatically detects sudden shakes or collisions. When triggered, the current video segment is locked and saved to a protected folder, preventing it from being overwritten by loop recording. This applies to both driving and parking incidents.

Automatically Record Emergency

In the event when G-Sensor is triggered, video file will be locked and won't be deleted by loop cycle function



On the road



During parking time

Figure 4.6: Automatic Emergency Recording.

You can also manually lock a video segment by pressing the 'M' button once during recording. This will protect the current video from being deleted by the loop cycle function.

One-Press Lock

Press the M button 1 time during recording, lock the current video you want anytime, anywhere during the trip. (won't be deleted by loop cycle function)



Figure 4.7: One-Press Lock Function.

4.6 Parking Modes (24-Hour Protection)

For 24/7 parking monitoring, the dash cam offers two modes. These modes require the optional 3-Lead Hardwire Kit (not included, ASIN: B0DK1QW7ZM) for continuous power supply.

- **Time-Lapse 1fps Parking Mode:** The camera records continuously at one frame per second, maximizing recording quantity over extended periods.
- **Collision Detection Parking Mode:** The camera automatically initiates a 1-minute recording when the G-sensor detects a collision.

24H Parking Monitor

Protect your car 7/24 hours while parking



Collision Detection Mode



Time-lapse Recording Mode



Require optional hardwire kit (Need to purchase separately, pls search B0DK1QW7ZM)

Figure 4.8: 24-Hour Parking Monitor Modes.

4.7 Screen Saver

You can configure the screen display behavior to suit your preference:

- **Screen Always On:** The display remains active.
- **Screen Saver On After 1 Min:** The screen will turn off after 1 minute of inactivity.
- **Screen Off After 1 Min:** The screen will turn off completely after 1 minute.

Note: The screen saver function is disabled when connected to the mobile app and will return to normal after disconnecting the app.



Figure 4.9: Screen Saver Options.

4.8 Fatigue Driving Reminder

The dash cam can be set to provide a fatigue driving reminder, notifying you after 2, 3, or 4 hours of continuous driving to take a rest for safety.



Figure 4.10: Fatigue Driving Reminder.

5. ADVANCED FEATURES

5.1 Recording Resolutions

The OMBAR M573 offers flexible recording resolutions:

- **3-Channel Recording:** Front 2K QHD (2560*1440P) + Inside 1080P + Rear 1080P.
- **Dual Channel Recording:**
 - Front 4K (3840*2160P) + Rear 1080P
 - Front 4K (3840*2160P) + Inside 1080P
- **Front Single Recording:** 4K (3840*2160P) (default), 2K (2560*1440P), or 1080P (1920*1080P).

2K 3 Channel Recording

OMBAR M571 dash cam monitor the front, inside and rear of your car simultaneously in 2K+1080P+1080P Resolution.



Figure 5.1: 2K 3-Channel Recording.

4K Dual Channel Recording

Front and Rear



Front and inside



Figure 5.2: 4K Dual Channel Recording Options.

4K

Front Single Recording

- 4K: 3840P*2160P (default)
- 2K: 2560P*1440P
- 1080P: 1920P*1080P



Figure 5.3: 4K Front Single Recording.

5.2 Night Vision and Image Enhancement

The dash cam is equipped with advanced features for clear recording in various lighting conditions:

- **f/1.8 Aperture:** Pulls in more light to brighten up dark scenes.

- **6-Glass Lens:** Helps capture more lifelike images.
- **WDR Technology & 6 Hidden IR Lights:** For the cabin camera, automatically adjusts exposure and provides infrared illumination for clear video in low light or darkness. Note: If the light source is too weak, the cabin camera's video may appear in black and white.
- **Galaxycore Sensor:** Ensures low power consumption and minimal heat generation.

Super Night Vision

More details with WDR and 6 IR Lights

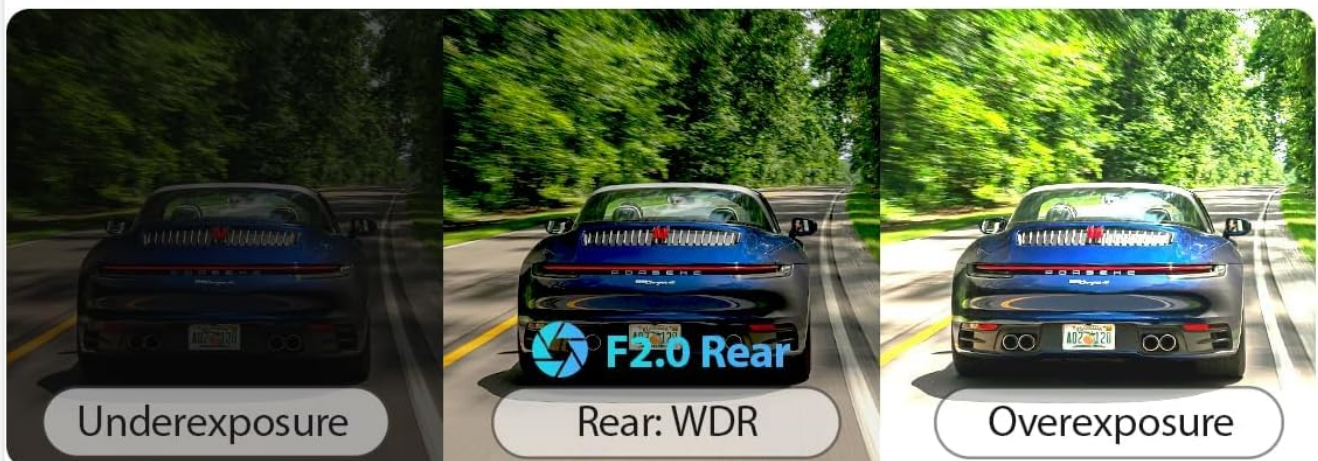
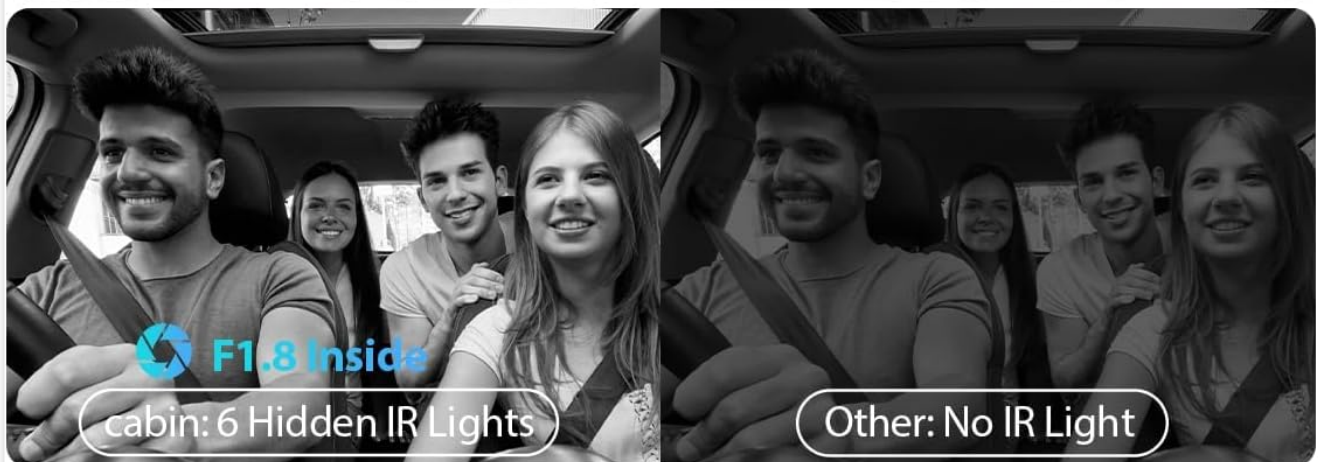


Figure 5.4: Super Night Vision with WDR and IR Lights.



Figure 5.5: Lens and Sensor Technologies.

6. MAINTENANCE

6.1 SD Card Management

- **Formatting:** Always format the SD card before first-time use and periodically (e.g., every 15 or 30 days, configurable in settings) to maintain optimal performance and prevent data corruption.
- **Capacity:** The included 64GB card provides ample recording time. The dash cam supports up to 256GB cards.
- **Recommended Cards:** Only use high-endurance Micro SD cards from reputable brands.

6.2 Cleaning

- Gently wipe the camera lenses with a soft, lint-free cloth to ensure clear recordings.
- Clean the dash cam body with a dry or slightly damp cloth. Avoid using harsh chemicals or abrasive materials.

6.3 Super Capacitor

The OMBAR M573 uses a built-in super capacitor instead of a traditional lithium battery. This provides superior heat resistance and a longer service life, allowing the dash cam to withstand extreme temperatures from -4°F (-20°C) to 158°F (70°C) without risk of overheating or explosion. It is normal for the dash cam to run slightly warm (30°C to 50°C) during operation.

Super Capacitor

Without battery, heat resistance & longer service life than lithium battery



Durable



Clod-resistant
-4°F



Heat-resistant
158°F



Eco-friendly



Figure 6.1: Super Capacitor Benefits.

7. TROUBLESHOOTING

7.1 Common Issues and Solutions

- Dash Cam Not Powering On:

- Ensure the power cable is securely connected to both the dash cam and the vehicle's cigarette lighter.
- Check the vehicle's cigarette lighter fuse.

- **SD Card Errors / Recording Issues:**

- Format the SD card within the dash cam's settings.
- Ensure the SD card is a high-endurance type and not counterfeit.
- Try a different compatible SD card (up to 256GB).

- **App Connectivity Issues (WiFi):**

- Ensure the dash cam's WiFi is enabled.
- Make sure you are within the effective WiFi signal range (approx. 25ft).
- Disconnect and reconnect the WiFi on your phone.
- Restart both the dash cam and your phone.
- Ensure you have downloaded the correct and updated 'OMBAR' or 'KACAM' app.

- **Dash Cam Running Warm:**

- It is normal for the dash cam to run slightly hot (30°C to 50°C) due to the super capacitor design. This does not indicate a malfunction.

- **Video Playback is Choppy or Frozen:**

- Ensure you are using a high-speed (Class 10 or U3 recommended) SD card.
- Format the SD card.

- **GPS Not Recording Data:**

- Ensure the dash cam has a clear view of the sky.
- Verify GPS is enabled in the settings.

If you encounter issues not listed here or require further assistance, please contact OMBAR customer support.

8. SPECIFICATIONS

Feature	Specification
Model Name	M573
Product Dimensions	0.39 x 1.97 x 1.18 inches
Item Weight	1.5 pounds
Video Capture Resolution	2K, 1080p (Configurable up to 4K front)
Field Of View	Front: 170°, Rear: 150°, Inside: 150°
Connectivity Technology	Wi-Fi (2.4GHz & 5.0GHz)
Special Feature	Built-In Supercapacitor, GPS, G-Sensor, WDR, IR Night Vision
Mounting Type	Windshield Mount, License Plate Mount

Control Method	App, Buttons
Included Components	Memory Card, User Manual
Operating Temperature	-4°F to 158°F (-20°C to 70°C)

9. WARRANTY AND SUPPORT

9.1 Warranty Information

OMBAR provides a 1-year warranty for this product. Please retain your proof of purchase for warranty claims.

9.2 Return Policy

This product is eligible for a 30-day refund/replacement return policy from the date of purchase.

9.3 Customer Support

For any questions, technical assistance, or warranty claims, please contact OMBAR customer service. Timely service is typically provided within 24 hours, 7 days a week. You can usually find contact information through your Amazon order details or the official OMBAR website.

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Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question