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Miden S7

Miden S7 2.5K Dual Dashcam User Manual

Model: S7

1. Introduction

Thank you for choosing the Miden S7 2.5K Dual Dashcam. This manual provides detailed instructions for the installation, operation, and maintenance of your device. Please read this manual thoroughly before use to ensure proper functionality and to maximize your driving safety and recording experience.



Image: The Miden S7 Dashcam installed on a car windshield, capturing the road view.

2. Product Overview

2.1 Key Features

- **Dual Recording:** 2.5K (1600P) Front Camera + 1080P Full HD Rear Camera.
- **Wide Angle View:** 176° front and 160° rear cameras, providing a combined 336° field of view.
- **3.2-inch IPS Display:** Clear and easy-to-navigate user interface.
- **Durable Construction:** Aerospace-grade aluminum alloy casing for excellent heat dissipation.
- **Loop Recording:** Automatically overwrites oldest footage when the SD card is full, ensuring continuous recording.
- **3-Axis G-Sensor:** Detects collisions and automatically locks current video footage to prevent overwriting.
- **24-Hour Parking Monitor:** Provides continuous protection for your vehicle when parked.
- **Super Night Vision:** F1.5 aperture, 1/2.7" CMOS image sensor, and WDR/HDR technology for clear night recordings.
- **Reversing Image Assist:** Automatically switches to rear view with parking guidelines when reverse gear is engaged.
- **High-Performance Components:** Equipped with Sony STARVIS IMX498 sensor and Novatek processor.
- **Included 64GB SD Card:** High-speed 64GB Micro SD card for immediate use.

2.2 Package Contents

Please check the package for the following items:

- 1 x Miden 2.5K Dashcam (Front Camera)
- 1 x 1080p Rear Camera
- 1 x 64GB SD Card
- 1 x USB SD Card Reader
- 1 x Suction Cup Mount
- 1 x Charging Cable
- 1 x Car Charger
- 1 x Pry Tool for Wiring
- 1 x USB Data Cable
- 1 x User Manual

Image: All items included in the Miden S7 Dashcam package.

3. Setup

3.1 Mounting the Dashcam

1. Clean the windshield area where you intend to mount the dashcam. Ensure it is free of dust and grease.
2. Attach the suction cup mount to the dashcam.
3. Press the suction cup firmly against the windshield, preferably behind the rearview mirror, to avoid obstructing your view. Secure the mount.
4. Adjust the dashcam angle to ensure the lens captures the road ahead clearly. The mount allows for 360-degree rotation.



Image: The dashcam with its 360-degree rotating mount, ready for windshield installation.

3.2 Connecting Power

1. Connect the charging cable to the dashcam's power input port.
2. Plug the car charger into your vehicle's cigarette lighter socket.
3. Route the power cable neatly along the edge of the windshield and dashboard using the provided pry tool to tuck it under trim panels.
4. The dashcam will automatically power on and begin recording when the vehicle's ignition is turned on.

3.3 Installing the Rear Camera

1. Connect the rear camera cable to the main dashcam unit.
2. Mount the rear camera on the rear windshield, ensuring a clear view.
3. Route the rear camera cable from the main unit to the rear of the vehicle, tucking it under the headliner and side panels for a clean installation.

3.4 Inserting the SD Card

1. Ensure the dashcam is powered off.
2. Insert the provided 64GB Micro SD card into the SD card slot on the dashcam until it clicks into place.
3. For optimal performance, it is recommended to format the SD card within the dashcam's settings menu before first use and periodically thereafter.

4. Operating Instructions

4.1 Power On/Off and Recording

- **Automatic Operation:** The dashcam will automatically power on and start recording when connected to power and the vehicle ignition is on. It will power off automatically when the ignition is turned off.
- **Manual Power:** Press and hold the Power button to manually turn the dashcam on or off.
- **Recording Indicator:** A flashing red light or icon on the screen indicates that recording is in progress.

4.2 Menu Navigation

Use the physical buttons on the side or bottom of the dashcam to navigate through the menu options on the 3.2-inch IPS

screen. Typically, there are buttons for Menu, Up, Down, OK/Confirm, and Mode switching.

- **Menu Button:** Enters or exits the settings menu.
- **Up/Down Buttons:** Navigate through menu options or adjust settings.
- **OK/Confirm Button:** Selects an option or confirms a setting.
- **Mode Button:** Switches between video recording, photo mode, and playback mode.

4.3 Video Playback

1. Switch the dashcam to Playback Mode using the Mode button.
2. Use the Up/Down buttons to browse through recorded videos.
3. Press the OK/Confirm button to play a selected video.
4. Alternatively, remove the SD card and use the included USB card reader to view footage on a computer.



Image: Viewing dashcam footage on a laptop via SD card or USB connection.

4.4 Date and Time Setting

It is crucial to set the correct date and time for accurate timestamping of your recordings. Access the 'Date/Time' setting in the menu and adjust as needed. The dashcam is designed to retain this setting even after power cycles.

5. Advanced Features

5.1 Loop Recording

The dashcam records video in continuous loops (e.g., 1, 3, or 5-minute segments). When the SD card reaches its capacity, the oldest unlocked video files are automatically overwritten by new recordings. This ensures that recording never stops due to a full memory card.



Image: Visual representation of the loop recording function.

5.2 G-Sensor & Emergency Lock

The built-in 3-axis G-Sensor detects sudden movements, impacts, or collisions. When an event is detected, the dashcam automatically locks the current video segment, protecting it from being overwritten by loop recording. You can also manually lock a video by pressing the designated lock button during recording.



Image: The G-Sensor automatically locks footage during an impact.

5.3 Parking Monitor

With the 24-hour parking monitor feature enabled, the dashcam will automatically start recording if it detects a collision or vibration while your vehicle is parked. This provides surveillance and protection for your car even when you are away.



Image: The dashcam provides 24-hour parking surveillance.

5.4 Super Night Vision (WDR/HDR)

The Miden S7 utilizes an F1.5 large aperture, a 1/2.7" CMOS image sensor, and Wide Dynamic Range (WDR) / High Dynamic Range (HDR) technology to enhance image clarity in low-light conditions. This ensures clear recordings of details like road signs and license plates at night.



Image: Dashcam footage showing clear night vision in an urban environment.

5.5 Reversing Image Assist

When the vehicle is shifted into reverse gear, the dashcam automatically displays the rear camera view on its screen, complete with parking guidelines. This feature assists drivers in safely parking and maneuvering in reverse.



Image: The dashcam display showing the reversing image assist with parking guidelines.

5.6 Front and Rear Screen Switching

The dashcam offers various display modes, allowing you to switch between front camera view, rear camera view, or a split-screen display showing both simultaneously. Refer to the menu settings to select your preferred display option.

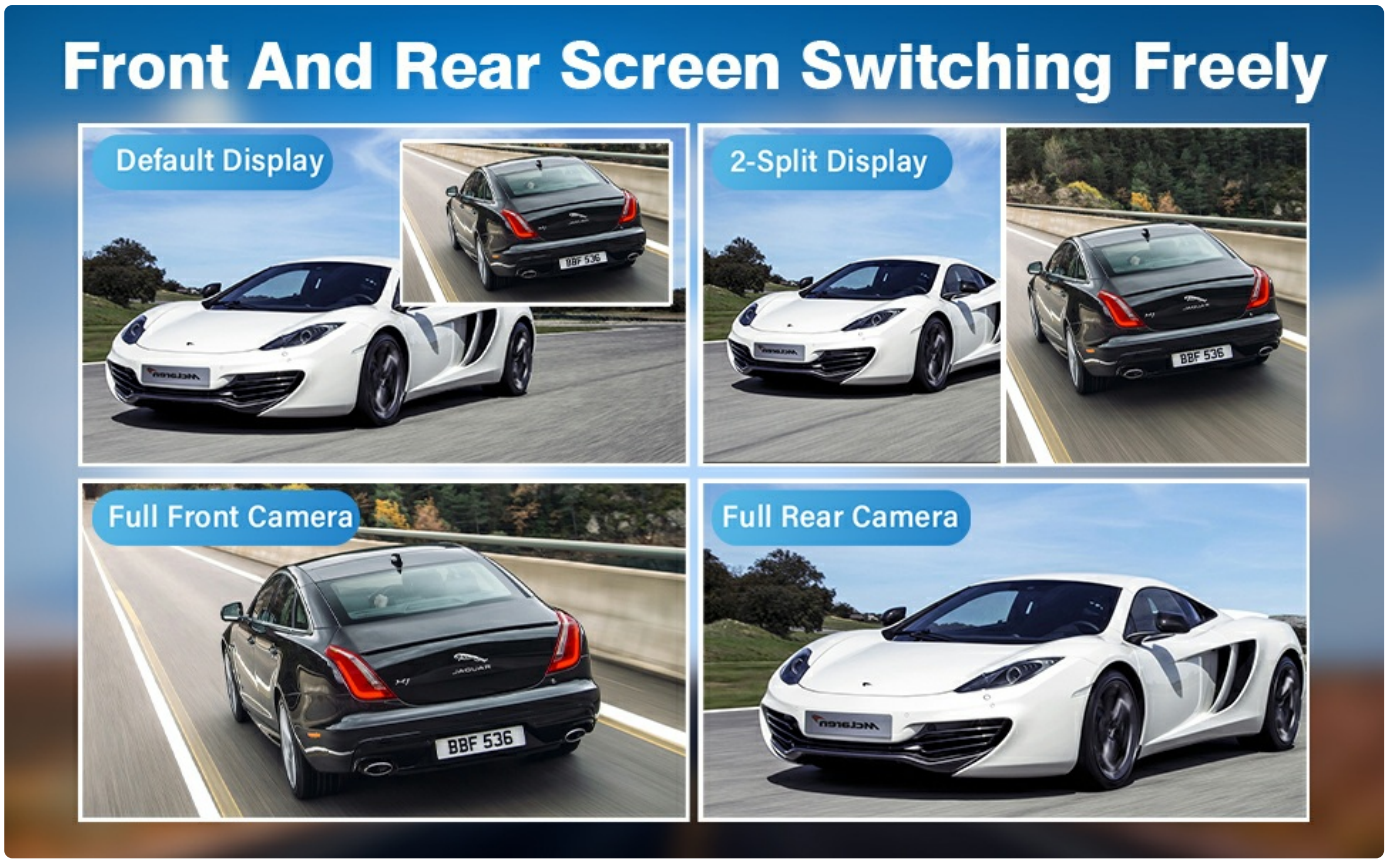


Image: Various screen display options for front and rear camera views.

6. Maintenance

- **SD Card Management:** Regularly format the SD card (at least once a month) to maintain optimal recording performance and prevent data corruption. Back up important files before formatting.
- **Cleaning:** Use a soft, dry cloth to clean the dashcam lens and screen. Avoid using abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the dashcam to extreme temperatures for extended periods, as this can affect battery life and device performance.

7. Troubleshooting

Problem	Possible Solution
Dashcam does not power on.	◦ Check if the car charger is properly connected to the vehicle's power outlet and the dashcam. ◦ Ensure the vehicle's ignition is on. ◦ Try a different power source or cable to rule out a faulty component.
Recording stops unexpectedly.	◦ Format the SD card within the dashcam's settings. ◦ Ensure the SD card is a high-speed (Class 10 or U3) card. ◦ Check if the SD card is full (though loop recording should prevent this for unlocked files).

Problem	Possible Solution
Video footage is blurry or unclear.	◦ Clean the dashcam lens and windshield. ◦ Ensure the protective film has been removed from the lens. ◦ Check video resolution settings in the menu.
G-Sensor is too sensitive/not sensitive enough.	◦ Adjust the G-Sensor sensitivity setting in the dashcam menu.

8. Specifications

Feature	Detail
Brand	Miden
Model Name	Miden S7
Video Recording Resolution	Front: 2.5K (1600p), Rear: 1080p
Field of View	336 Degrees (Front 176°, Rear 160°)
Display Type	3.2-inch IPS LCD
Connectivity Technology	USB
Special Features	2.5K Dual Dashcam, Free 64G High-Speed SD Card, Reversing Image Assist, Dual Parking Mode, Super Infrared Night Vision, Super F1.5 Aperture, Sony IMX498 Sensor, 3-Axis G-Sensor, WDR and HDR, Loop Recording
Mounting Type	Windshield Mount
Color	Black
Compatible Devices	Car
Frame Rate	Front: 24 FPS, Rear: 30 FPS
Battery Type	Lithium-ion (included)
Item Dimensions (D x W x H)	80D x 30W x 40H millimeters
Vehicle Service Type	Cars, Buses, Trucks, RVs, Daily Cars

9. Warranty and Support

Miden provides a 10-year free warranty and professional lifetime technical support for the S7 Dashcam. If you encounter any issues or have questions regarding your product, please do not hesitate to contact our customer support team. We are committed to ensuring your satisfaction and providing prompt assistance.

For support, please refer to the contact information provided on the product packaging or the official Miden website.

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