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› PolarLander I1000 Dual Lens Dash Cam User Manual

Polarlander I1000

PolarLander I1000 Dual Lens Dash Cam User Manual

Model: I1000

1. INTRODUCTION

Thank you for choosing the PolarLander I1000 Dual Lens Dash Cam. This device is designed to record your driving journey in high definition, providing security and evidence in case of incidents. It features dual cameras for comprehensive coverage, night vision capabilities, and automatic loop recording. Please read this manual carefully to ensure proper installation, operation, and maintenance of your dash cam.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact your retailer.

- 1 x PolarLander I1000 Car DVR Unit
- 1 x Car Charger
- 1 x USB Cable
- 1 x IR Rear Camera (External Separate Lens)
- 1 x User Manual (This document)
- 1 x Bottom Cover (for mounting)



Image: The PolarLander I1000 Dash Cam unit, car charger, USB cable, and mounting accessories included in the package.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your PolarLander I1000 Dash Cam.

PRODUCT DETAILS



LENSES CAN BE ROTATED 330 °

170 ° wide-angle



Can rotate 330 °

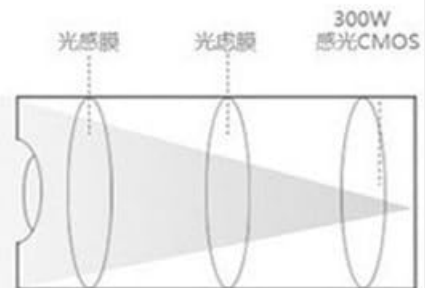


Image: Detailed diagram showing the various buttons, ports, and features of the PolarLander I1000 Dash Cam, including the MIC button, REC button, video indicator, charge lamp, operating lamp, TF card slot, video lock button, camera button/playback mode, menu button, rear camera interface, video out, reset key, and 360-degree rotatable camera.

3.1 Main Unit Features

- **Display Screen:** 2.0-inch TFT color monitor for live view and playback.
- **Front Camera:** Integrated lens with 120-degree ultra-wide angle.
- **Rotatable Lens:** The integrated camera can rotate 340 degrees for flexible recording angles.
- **Buttons:**
 - **MIC Button:** Toggles microphone on/off for audio recording.
 - **REC Button:** Manually starts/stops recording.

- **Video Lock Button:** Protects current recording from being overwritten.
- **Camera Button/Playback Mode:** Switches between recording and playback modes.
- **Menu Button:** Accesses system settings.

- **Ports:**

- **TF Card Slot:** For inserting a MicroSD card (up to 32GB) for storage.
- **Rear Camera Interface:** Connects the external IR rear camera.
- **Video Out:** For connecting to an external display.
- **USB Port:** For power and data transfer.

- **Indicator Lights:** Video indicator, charge lamp, operating lamp.
- **Reset Key:** For factory reset if needed.



Image: The PolarLander I1000 Dash Cam shown with its suction cup mount attached, illustrating how the main unit connects to the mounting bracket.

4. SETUP AND INSTALLATION

Follow these steps to properly install your dash cam in your vehicle.

1. **Insert TF Card:** Ensure the dash cam is powered off. Gently insert a Class 10 or higher MicroSD card (up to 32GB) into the TF card slot until it clicks into place.
2. **Attach Mount:** Secure the suction cup mount or adhesive mount to the dash cam unit.
3. **Position the Dash Cam:** Choose a location on your windshield that does not obstruct your view, typically behind the

rearview mirror. Clean the area thoroughly before attaching the mount.

4. **Secure the Mount:** Press the suction cup firmly against the windshield and flip the lever to secure it. If using an adhesive mount, remove the protective film and press firmly.
5. **Adjust Camera Angle:** Adjust the main unit and the rotatable lens to capture the desired view of the road ahead.
6. **Connect Power Cable:** Connect the car charger to the dash cam's USB port and plug the other end into your vehicle's cigarette lighter socket. Route the cable neatly to avoid interference with driving.
7. **Connect Rear Camera (Optional):** If using the external IR rear camera, connect it to the designated rear camera interface on the main unit. Route its cable to the desired rear viewing position (e.g., rear windshield).



Image: A visual guide demonstrating the installation process, including inserting the TF card, attaching the holder, opening the sticker for adhesive mount, positioning the recorder, inserting the power cable, and connecting the car charger.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Automatic Operation:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned

on (power is supplied to the cigarette lighter socket). It will automatically power off when the ignition is turned off.

- **Manual Operation:** Press and hold the power button (if available, refer to product overview diagram) to manually turn the device on or off.

5.2 Recording Modes

- **Normal Recording:** Once powered on, the device automatically starts continuous loop recording. Video files are saved in segments (e.g., 1, 3, or 5 minutes) to the MicroSD card.
- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-sensor will detect the event and automatically lock the current video segment, preventing it from being overwritten by loop recording.
- **Manual Lock:** During recording, press the Video Lock Button to manually protect the current video file.
- **Motion Detection Recording:** When enabled in settings, the dash cam will automatically start recording if motion is detected in front of the camera while the vehicle is parked. This feature requires continuous power supply.

5.3 Playback

- **On Device:** Press the Camera Button/Playback Mode button to switch to playback mode. Use the navigation buttons to browse through recorded videos. Select a file to play it on the 2.0-inch TFT screen.
- **On Computer:** Remove the MicroSD card from the dash cam and insert it into a card reader connected to your computer. Alternatively, connect the dash cam directly to your computer via the USB cable (select "Mass Storage" mode if prompted). You can then access and view the video files.

5.4 System Settings

Press the Menu Button to access system settings. Options typically include:

- Video Resolution (e.g., 1080P, 720P)
- Loop Recording Duration (e.g., 1 min, 3 min, 5 min)
- G-Sensor Sensitivity (Low, Medium, High)
- Motion Detection (On/Off)
- Date/Time Stamp
- Audio Recording (On/Off)
- Language
- Format SD Card
- Factory Reset

6. FEATURES EXPLAINED

- **Dual Lens Recording:** The I1000 features two cameras: an integrated front-facing camera and an external IR rear camera. Both can record simultaneously, providing comprehensive coverage of the road ahead and behind.
- **Full High Definition (FHD) Recording:** The front lens records at 1280x720P 30FPS, while the external lens records at 720x576P 30FPS, capturing clear video evidence.
- **120-Degree Ultra-Wide Angle Lens:** The front camera captures a broad view of the road, minimizing blind spots.
- **Seamless Loop Recording:** When the MicroSD card is full, the dash cam automatically overwrites the oldest unprotected video files to continue recording without interruption.
- **G-Sensor (Gravity Sensor):** Detects sudden movements or impacts and automatically locks the current video file to prevent it from being overwritten, ensuring critical evidence is preserved.
- **Night Vision:** Equipped with features to enhance recording clarity in low-light conditions, ensuring visibility even at night.
- **Motion Detection:** When enabled, the dash cam will automatically start recording if it detects movement within its field of view, providing surveillance when your vehicle is parked.
- **Emergency Lock Function:** Allows manual protection of video files with a press of a button, safeguarding important moments.

7. TROUBLESHOOTING

If you encounter issues with your PolarLander I1000 Dash Cam, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Device does not power on.	◦ Check if the car charger is properly connected and the vehicle's cigarette lighter socket is receiving power. ◦ Ensure the car charger is functional. Try another USB cable or charger if available. ◦ The internal battery might be depleted. Charge the device for a few hours.
Dash cam stops recording or shows "Card Full" error.	◦ The MicroSD card may be full of locked files. Format the card through the device's settings menu (this will delete all data). ◦ Ensure loop recording is enabled in the settings. ◦ The MicroSD card may be faulty or too slow. Use a Class 10 or higher card.
Video quality is poor or blurry.	◦ Clean the camera lenses and your windshield. ◦ Ensure the protective film has been removed from the lens. ◦ Check video resolution settings; ensure it's set to the highest available.
G-sensor is too sensitive or not sensitive enough.	◦ Adjust the G-sensor sensitivity in the system settings. Lower sensitivity for fewer false alarms, higher for more detection.
Date and time are incorrect.	◦ Set the correct date and time in the system settings menu.

8. SPECIFICATIONS

Feature	Detail
Model	I1000
Manufacturer	PolarLander
Display Screen	2.0-inch TFT Color Monitor
Front Lens Resolution	1280x720P @ 30FPS
External Lens Resolution	720x576P @ 30FPS
Lens Angle	120-degree Ultra-Wide Angle (Front)
Video Format	H.264
Photo Format	JPEG
Photo Resolution	3M (2048x1152)

Feature	Detail
Storage	Supports MicroSD Card up to 32GB (Class 10 or higher recommended)
Power Interface	5V 800mA
Internal Battery	320mAh
Dimensions (L x W x H)	91 x 63 x 28 mm
Net Weight	85g (including battery)
Special Features	Loop Recording, Night Vision, G-Sensor, Motion Detection, Emergency Lock

Note: Specifications are subject to change without prior notice.

9. MAINTENANCE

- **Clean Lenses:** Regularly clean the camera lenses with a soft, lint-free cloth to ensure clear video quality.
- **Format MicroSD Card:** It is recommended to format the MicroSD card every 2-4 weeks to maintain optimal performance and prevent data corruption. Back up any important files before formatting.
- **Operating Temperature:** Avoid exposing the dash cam to extreme temperatures (very hot or very cold) for extended periods, as this can affect battery life and device performance.
- **Secure Mounting:** Periodically check that the dash cam is securely mounted to prevent it from falling during driving.

10. WARRANTY AND SUPPORT

The PolarLander I1000 Dash Cam comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or inquiries, please reach out to the PolarLander customer service department or your point of purchase.

Manufacturer: PolarLander

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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