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Aolbea KG390-2K-0624

Aolbea Dash Cam Front and Rear User Manual

Model: KG390-2K-0624

1. Introduction

Thank you for choosing the Aolbea Dash Cam Front and Rear. This device is designed to provide reliable video evidence of your journeys, enhancing driving safety and security. Featuring 2.5K front recording and 1080P rear recording, a Sony IMX335 sensor, G-Sensor, Loop Recording, and Super Night Vision, this dash cam captures critical moments on the road with clarity.

2. Package Contents

Please check the package for the following items:

- Aolbea Front Dash Cam Unit
- Rear Camera with Connection Cable
- Car Charger Power Cable
- Suction Cup Mount
- User Manual
- Memory Card (if included with your purchase)

3. Product Overview

Familiarize yourself with the components of your Aolbea Dash Cam.



Figure 3.1: Front Dash Cam Unit with Suction Mount and Rear Camera.

3.1 Key Features

- **Dual Lens Recording:** Simultaneous 2.5K (Front) and 1080P (Rear) recording for comprehensive coverage.
- **Sony IMX335 Sensor:** High-quality image sensor for superior video clarity.
- **Super Night Vision:** Enhanced low-light performance for clear recordings at night.
- **WDR (Wide Dynamic Range):** Balances exposure for clear images in varying light conditions.
- **Built-in G-Sensor:** Automatically locks video footage upon detecting sudden impacts or collisions.
- **Loop Recording:** Overwrites the oldest unlocked footage when the memory card is full, ensuring continuous recording.
- **Parking Monitor:** Detects impacts and records automatically when the vehicle is parked (requires continuous power).
- **Super Capacitor:** Provides reliable power in extreme temperatures, offering enhanced durability compared to traditional batteries.



Figure 3.2: Illustrates 2K Front and 1080P Rear dual lens recording capabilities with wide angle views.



Figure 3.3: Explanation of G-Sensor for accident scene locking and Loop Recording for continuous footage.



Figure 3.4: Details on Super Glimmer Night-Vision, Sony IMX335 sensor, WDR, and 6-layer lens for improved clarity.

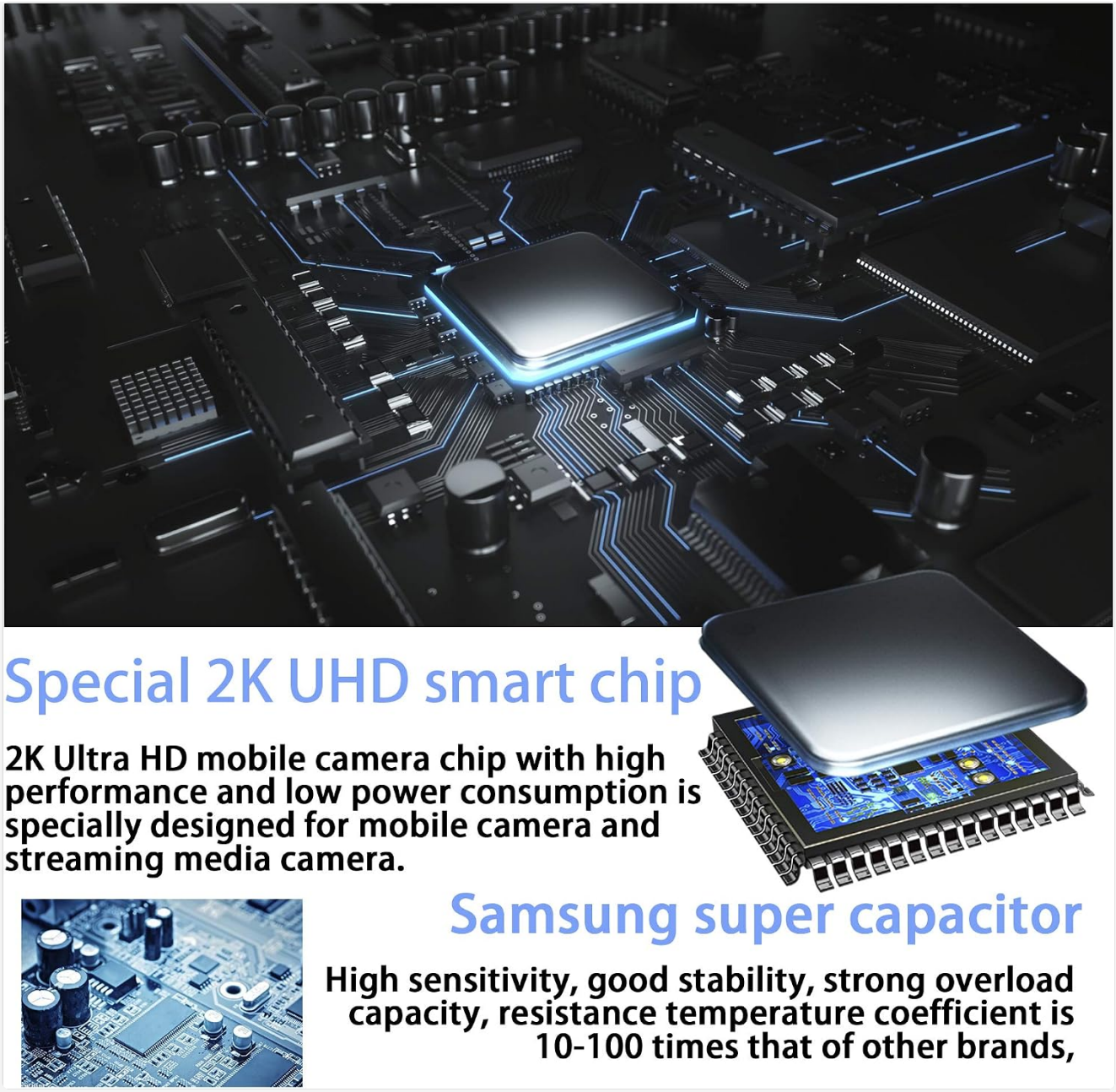


Figure 3.5: Highlights the high-performance 2K UHD smart chip and the durable Samsung super capacitor.



Figure 3.6: Further illustration of Super Glimmer Night-Vision and HD Dynamic Imaging for clear recordings in various conditions.

4. Setup

4.1 Inserting the MicroSD Card

1. Ensure the dash cam is powered off.
2. Locate the MicroSD card slot on the side of the dash cam.
3. Insert the MicroSD card with the gold contacts facing the back of the camera until it clicks into place.
4. To remove, gently push the card in until it clicks, then release.

Note: A Class 10 or higher MicroSD card (up to 128GB) is recommended. Format the card in the dash cam before first use and periodically thereafter.

4.2 Mounting the Front Dash Cam

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction cup mount to the dash cam.
3. Press the suction cup firmly against the windshield and flip the lever to secure it.
4. Adjust the camera angle to ensure a clear view of the road ahead, ideally behind the rearview mirror to

minimize obstruction.

4.3 Installing the Rear Camera

1. Connect the rear camera cable to the main dash cam unit.
2. Route the cable neatly along the vehicle's headliner, A-pillar, and door sills to the rear of the vehicle.
3. Mount the rear camera on the rear windshield using the adhesive pad, ensuring a clear view.
4. If the rear camera supports reverse assist, connect the red trigger wire to your vehicle's reverse light power source (consult a professional if unsure).

4.4 Powering the Device

1. Plug the car charger power cable into your vehicle's cigarette lighter socket.
2. Connect the other end of the power cable to the dash cam's power input port.
3. The dash cam will typically power on automatically when the vehicle's ignition is turned on and begin recording.

5. Operating

5.1 Basic Recording

Once powered on, the dash cam will automatically start recording. The recording indicator (usually a flashing red dot) will appear on the screen.

5.2 Menu Navigation

Use the physical buttons on the side or bottom of the dash cam to navigate through the menu options. Common buttons include:

- **Power Button:** Short press to turn screen on/off, long press to power device on/off.
- **Menu Button:** Enters/exits the settings menu.
- **Up/Down Buttons:** Navigate through menu options.
- **OK/Confirm Button:** Selects an option or starts/stops recording manually.
- **Mode Button:** Switches between Video, Photo, and Playback modes.

5.3 Formatting the SD Card

It is crucial to format the MicroSD card regularly (e.g., once a month) to maintain optimal performance and prevent data corruption.

1. Enter the menu settings.
2. Navigate to the 'Format' option.
3. Confirm to format the card. All data on the card will be erased.

5.4 G-Sensor Settings

The G-Sensor detects sudden impacts. When triggered, it locks the current video file to prevent it from being overwritten by loop recording. You can adjust its sensitivity in the settings menu (e.g., Low, Medium, High, Off).

5.5 Parking Monitor

When enabled, the Parking Monitor will automatically start recording if an impact is detected while the vehicle is parked and the dash cam is powered (e.g., via a hardwire kit). This feature provides surveillance even when you're away from your vehicle.

6. Maintenance

- **Regular SD Card Formatting:** Format your MicroSD card every 2-4 weeks to ensure stable recording and prevent file errors.
- **Lens Cleaning:** Use a soft, lint-free cloth to gently clean the front and rear camera lenses to ensure clear video quality. Avoid abrasive materials.
- **Screen Cleaning:** Wipe the LCD screen with a soft, dry cloth.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates. Follow instructions carefully if updating.

7. Troubleshooting

Problem	Possible Cause	Solution
Dash cam does not power on.	No power from car charger; faulty cable; loose connection.	Check car charger connection; try another power source; ensure vehicle's cigarette lighter socket is active.
"SD Card Error" message.	SD card not inserted correctly; incompatible card; corrupted card.	Reinsert SD card; use a Class 10 or higher card; format the card in the dash cam. If issue persists, try a new SD card.
Recording stops randomly.	SD card full; corrupted files; G-Sensor too sensitive.	Format SD card; reduce G-Sensor sensitivity; ensure loop recording is enabled.
Video quality is poor/blurry.	Protective film on lens; dirty lens; incorrect resolution settings.	Remove protective film; clean lenses; check video resolution settings in menu.
Dash cam gets hot during operation.	Normal operation; prolonged exposure to direct sunlight.	This is often normal. Ensure proper ventilation. If excessively hot or causing malfunctions, contact support.

8. Specifications

Feature	Detail
Product Dimensions	3.46 x 1.38 x 1.97 inches
Item Weight	15.4 ounces
Model Number	KG390-2K-0624
Connectivity Technology	USB

Feature	Detail
Video Capture Resolution	1080p (Note: Product title indicates 2.5K front, 1080P rear. This specification might refer to a default or specific setting.)
Mounting Type	Suction Mount
Control Method	Button (Note: Product specifications mention 'Touch', but user reviews indicate button operation. Manual assumes button operation.)
Screen Size	3 Inches
Optical Sensor Technology	CMOS
Manufacturer	Aolbea
First Available Date	August 18, 2020

9. Warranty and Support

Aolbea products are designed for reliability and performance. For warranty information and technical support, please refer to the documentation included with your purchase or contact the seller/manufacturer directly.

9.1 Certifications

Figure 9.1: Product certifications for quality and safety standards.

For more information on certifications, please visit: www.stsapp.com

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