

zhiroad UK-IN-001212

zhiroad Dash Cam Front and Rear User Manual

Model: UK-IN-001212

INTRODUCTION

Thank you for choosing the zhiroad Dash Cam Front and Rear. This manual provides detailed instructions for the installation, operation, and maintenance of your new dash camera system. This dual-lens system offers comprehensive coverage for your vehicle, enhancing driving safety and providing crucial evidence in case of incidents.

The dash cam features Full HD 1080P recording, night vision capabilities, loop recording, G-sensor for emergency locking, and parking monitoring. Please read this manual thoroughly before use to ensure proper functionality and to maximize your product experience.

WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are included:

- 1 x Front and Rear Dash Cam Unit
- 1 x 32GB SD Card (pre-inserted)
- 1 x Car Charger
- 1 x Charging Cable (USB)
- 1 x User Manual (this document)



Image: The complete zhiroad Dash Cam package, showing the main unit, rear camera, 32GB SD card, and USB adapter.

PRODUCT OVERVIEW

The zhiroad Dash Cam system consists of a main front camera unit and a separate rear camera. Key features include:

- **Dual Protection:** Front and rear cameras provide comprehensive coverage.
- **FHD Video & Night Vision:** 1080P front camera with VGA waterproof rear cam, f1.8 aperture, and WDR Technology for clear day and night recording.
- **Intelligent Operation:** Auto On/Off, Auto Record, G-Sensor for emergency lock, and Loop Recording.
- **Wide Angle Lenses:** Front camera with 170° wide angle and rear camera with 120° wide angle to reduce blind spots.



Image: Overview of the dash cam's main features, such as G-Sensor, Loop Recording, and Night Vision.

SETUP AND INSTALLATION

1. Preparing the SD Card

The 32GB SD card is pre-inserted. For first-time use, it is recommended to format the SD card directly on the dash cam to ensure compatibility and optimal performance. Use a Class 10 high-speed micro SD card, not exceeding 32GB. To format the SD card:

1. Power on the dash cam.
2. Navigate to the settings menu.
3. Select "Format" or "Format SD Card" option.
4. Confirm the action. All data on the card will be erased.

2. Mounting the Front Dash Cam

The front dash cam uses a suction mount for easy installation on your windshield.

1. Clean the area on your windshield where you intend to mount the camera. Ensure it is free from dust and grease.
2. Attach the suction mount to the dash cam.
3. Press the suction cup firmly against the windshield and flip the lever to secure it. Position the camera to ensure a clear view of the road ahead without obstructing your driving vision.



Image: The dash cam installed on a car's windshield, providing a clear view of the road.

3. Installing the Rear Camera

The rear camera is waterproof and typically mounted on the rear windshield or near the license plate.

1. Choose a suitable location for the rear camera that provides a clear view of the rear of your vehicle.
2. Securely mount the rear camera using the provided adhesive or screws.
3. Route the rear camera cable to the main front dash cam unit. Ensure the cable is tucked away neatly and does not interfere with vehicle operations.

4. Connect the rear camera cable to the designated port on the main dash cam unit.



DOUBLE CAMERAS

Record crystal-clear 1080P HD video, cover 3 more lanes with the wide-angle lens

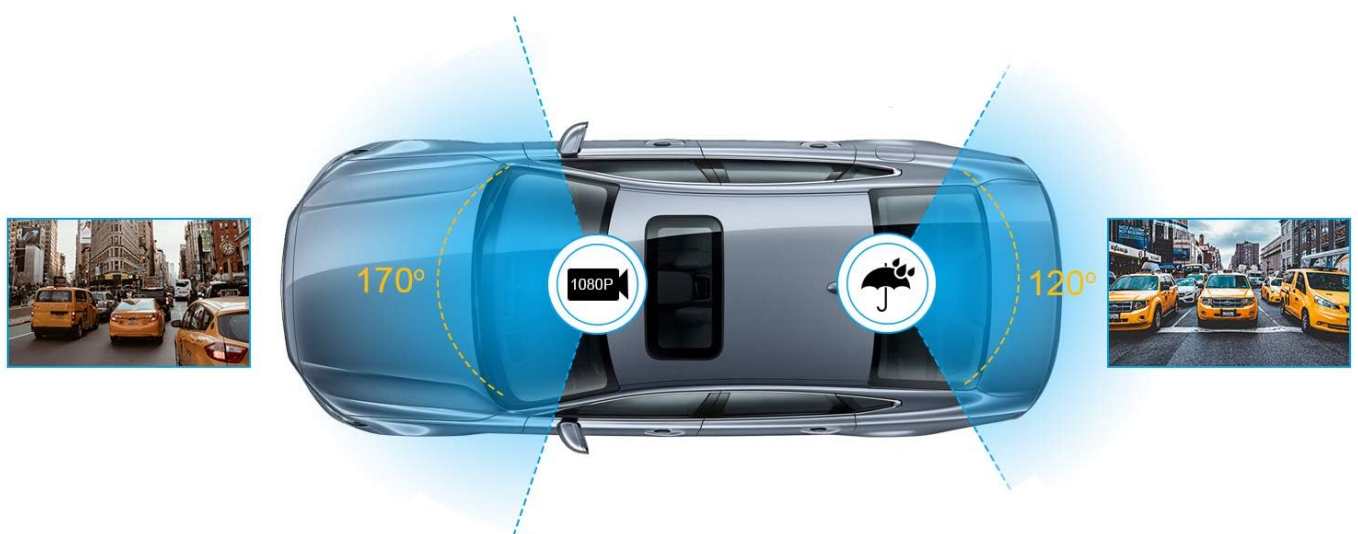


Image: Diagram illustrating the dual camera setup and their respective wide-angle coverages (170° front, 120° rear).

4. Power Connection

Connect the car charger to the dash cam and plug it into your vehicle's cigarette lighter socket. The dash cam will automatically power on and off with your vehicle's ignition.

OPERATING INSTRUCTIONS

Automatic Operation

The dash cam is designed for automatic operation:

- **Auto On/Off:** The camera will automatically turn on and begin recording when your vehicle's engine starts, and turn off shortly after the engine is turned off.
- **Auto Record:** Recording starts automatically when the device powers on.

Key Features

- **Loop Recording:** This feature allows continuous recording. When the SD card is full, the oldest unlocked video files will be automatically overwritten by new recordings. Locked videos (triggered by G-Sensor) will not be overwritten.
- **G-Sensor (Emergency Lock):** The built-in G-sensor detects sudden shakes or collisions. When triggered, it automatically locks the current video segment to prevent it from being overwritten by loop recording. The sensitivity of the G-sensor can be adjusted in the settings (Low, Medium, High). It is recommended to set it to a low level to prevent excessive locked files.



Image: The G-Sensor feature automatically locks video footage during sudden impacts to protect critical evidence.

- **Parking Monitor:** When enabled, this feature allows the dash cam to automatically start recording if it detects a collision or vibration while the vehicle is parked. This function requires a continuous power supply, typically achieved with a hardwire kit (sold separately).



24H PARKING MONITORING

24H Parking Monitoring available by using the hardwire car charger cable (Need to purchase separately).

Image: The 24-hour parking monitoring feature, which requires a hardwire kit for continuous operation.

- **Motion Detection:** If enabled, the camera will start recording when it detects movement in front of the lens. This is useful for monitoring when the vehicle is stationary.
- **Night Vision & WDR:** The camera utilizes WDR (Wide Dynamic Range) technology and an f1.8 aperture to enhance image clarity, especially in low-light conditions, ensuring clear recordings day and night.



Image: Example of excellent night vision recording, capturing details in a low-light urban environment.

- **Backup Camera for Safe Parking:** The rear camera provides a clear rear view and can display parking guide lines automatically when the reverse gear is engaged (requires proper wiring to the reverse light).

Backup camera for safe parking

Provide a rear view and parking guide line automatically when the reverse gear engaged.

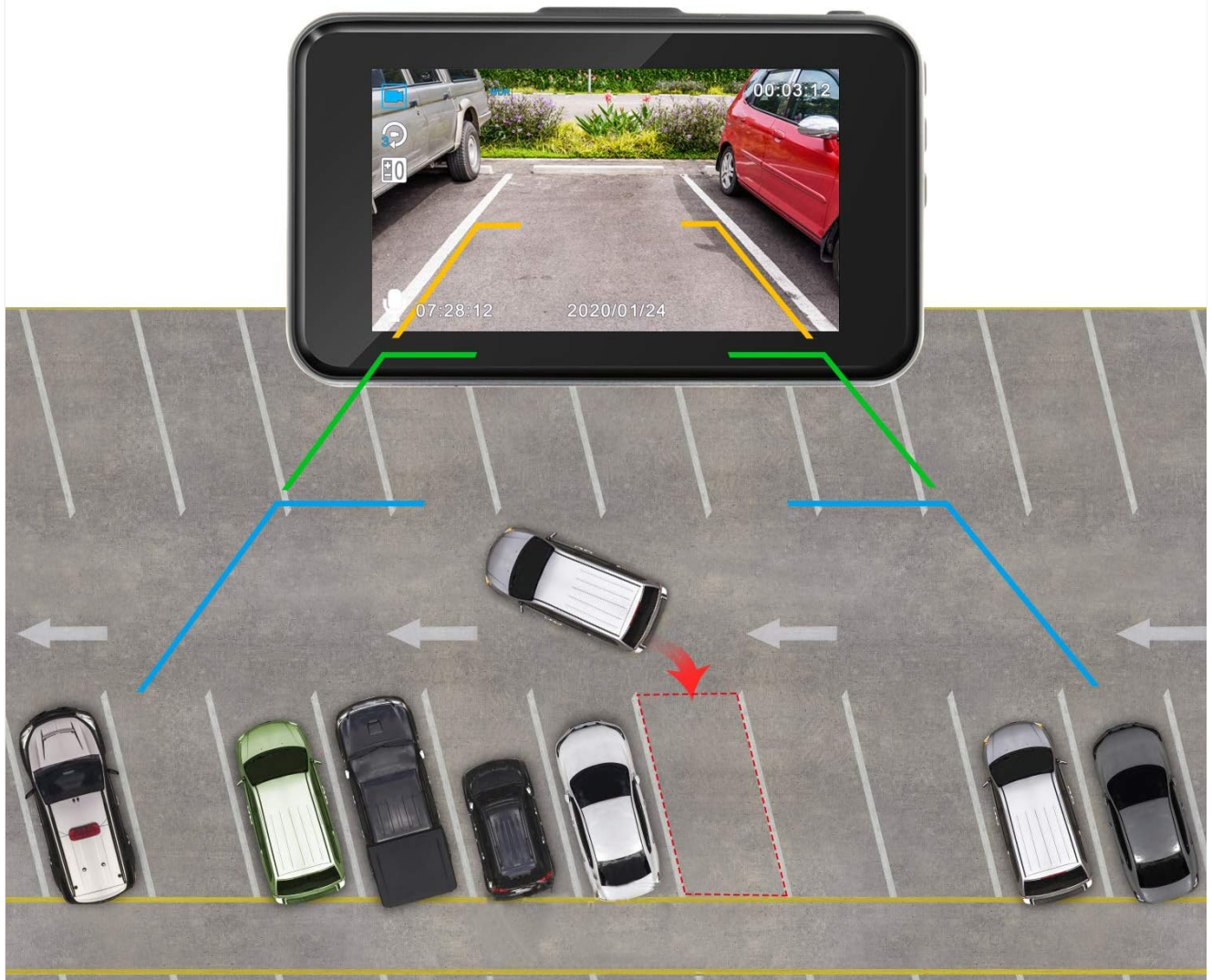


Image: The backup camera view with parking assist lines, aiding in safe and precise parking maneuvers.

MAINTENANCE

SD Card Management

To ensure optimal performance and prevent "SD Card Full" errors, it is recommended to format your SD card monthly. This clears all non-locked files and maintains the card's health.

If the G-sensor is set to a high level, it can easily lock files, leading to the Micro SD card becoming full. Adjusting the G-sensor to a low setting is recommended for most driving conditions.

General Care

- Keep the camera lenses clean using a soft, lint-free cloth.
- Avoid exposing the dash cam to extreme temperatures for prolonged periods.
- Ensure all cables are securely connected and not pinched.

TROUBLESHOOTING

Problem	Possible Cause / Solution
"SD Card Full" message	• Format the SD card on the dash cam. • Disable Parking Monitoring and Motion Detection functions if not needed during driving, as these can trigger locked videos. • Set G-sensor sensitivity to a lower level to reduce the number of locked files. • Format the SD card monthly.
"Insert C6 and above SD card" message	• The SD card may not be compatible or is a false capacity card. Try a new, genuine Class 10 high-speed micro SD card (max 32GB).
Dash cam turns off unexpectedly	• The built-in battery is for emergency lock only (lasts 15-20 mins). External power is required for continuous operation. Ensure the car charger is continuously plugged into the car cigarette lighter. • Check the power cable connection for looseness or damage.
Poor video quality at night	• Ensure the windshield and camera lens are clean. • Verify that WDR (Wide Dynamic Range) is enabled in settings.

SPECIFICATIONS

- **Model Name:** Front and Rear with 32GB SD Card
- **Item Model Number:** UK-IN-001212
- **Brand:** zhiroad
- **Product Dimensions:** 6 x 4 x 2 cm; 32 g
- **Batteries:** 1 Lithium Polymer battery required (included)
- **Video Capture Resolution:** 1080p (Front)
- **Orientation:** Front and Rear
- **Connectivity Technology:** USB
- **Special Features:** Loop Recording, G-Sensor, Night Vision, Parking Monitor, Motion Sensing
- **Mounting Type:** Suction Mount
- **Colour:** Black
- **Manufacturer:** zhiroad
- **First Available Date:** 23 Dec. 2020

WARRANTY AND SUPPORT

zhiroad provides comprehensive customer support for your dash cam:

- **Warranty:** 1-year warranty from the date of purchase.
- **Technical Support:** 7*24 technical support available.

- **Email Response:** Quick reply within 24 hours.
- **Returns:** 30-day free return policy.

For any inquiries, technical assistance, or warranty claims, please contact zhiroad customer service through the platform where you purchased the product or refer to the contact information provided on the official zhiroad website.



Image: Icons representing customer support features: 24-hour email response, 30-day free return, and 3-year warranty.

Note: While some promotional images may indicate a 3-year warranty, the product's feature bullets specify a 1-year warranty. Please refer to your purchase documentation for the most accurate warranty period.

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

Answered questions about this manual

How do I change the loop recording time on the zhiroad UK-IN-001212 Dash Cam?

To change the loop recording time on your zhiroad UK-IN-001212 Dash Cam, follow these general steps based on the device's menu structure:Stop Recording: If the camera is currently recording (indicated by a flashing icon),...

[Read full answer](#)

