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> HD Car Driving Recorder Night Vision Parking Monitor with 3.16 Inch Dashboard Camera User Manual

## Ailgely Ailgelywofhitkgcp

# HD Car Driving Recorder User Manual

Model: Ailgelywofhitkgcp | Brand: Ailgely

## INTRODUCTION

Thank you for purchasing the Ailgely HD Car Driving Recorder. This device is designed to enhance your driving safety and provide reliable recording of your journeys. It features a 3.16-inch display, 1080P video recording, night vision, parking monitoring, and a 360-degree rotatable lens. Please read this manual carefully before using the product to ensure proper operation and maintenance.



Image: The Ailgely HD Car Driving Recorder, showcasing its compact design with the main camera lens, internal camera, and mounting bracket.

## SAFETY INFORMATION

- Do not operate the device while driving. Adjust settings only when the vehicle is safely parked.
- Ensure the device is securely mounted and does not obstruct the driver's view or interfere with airbag deployment.
- Use only the provided car charger and accessories. Using unauthorized accessories may damage the device and void the warranty.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Regularly format the memory card to ensure optimal recording performance.

## PACKAGE CONTENTS

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

- 1 x Driving Video Recorder (Main Unit)
- 1 x Internal Camera
- 1 x Car Charger
- 1 x Suction Cup Base
- 1 x Instruction Manual



Image: A visual representation of all items included in the product package, including the main dash cam unit, internal camera, car charger, and suction cup mount.

## PRODUCT OVERVIEW

Familiarize yourself with the main components of the driving recorder:

- **Main Camera Lens:** Records the front view of the vehicle.
- **Internal Camera:** Records the interior of the vehicle, with 360-degree rotation capability.
- **3.16-inch HD Display:** For viewing live footage, playback, and menu navigation.
- **Microphone:** Records audio inside the vehicle.
- **Speaker:** For audio playback.
- **Memory Card Slot:** Supports small memory cards up to 32GB Class10 (not included).
- **USB Port:** For power supply and data transfer.
- **Mounting Point:** For attaching the suction cup base.



Image: A detailed view of the dash cam's side, highlighting the HD 1080P label, and various ports such as AV out and USB, along with the memory card slot.

## SETUP AND INSTALLATION

1. **Test Rear View Camera (if applicable):** If your package includes a rear view camera, test its functionality before permanent installation.
2. **Turn Off Car Engine:** Ensure your vehicle's engine is turned off before proceeding with installation.
3. **Insert Memory Card:** Insert a Class10 or higher small memory card (up to 32GB, not included) into the memory card slot of the recorder. Ensure it clicks into place.
4. **Mount the Device:**
  - Attach the suction cup base to the main unit.
  - Clean the windshield area where you intend to mount the dash cam.
  - Press the suction cup firmly against the windshield and lock it in place. Position the camera to ensure a clear view of the road without obstructing your driving vision.
5. **Connect Power:** Plug the car charger into your vehicle's cigarette lighter socket and connect the other end to the USB port on the driving recorder. Route the cable neatly to avoid interference.
6. **Adjust Internal Camera:** Rotate the internal camera 360 degrees to achieve the desired viewing angle for the vehicle's interior.



Image: The dash cam installed on a car's windshield, displaying a clear road view on its screen, demonstrating proper mounting and operation.

## OPERATING INSTRUCTIONS

### Basic Operation

- **Power On/Off:** The device will automatically power on and begin recording when the car engine starts. It will power off automatically when the engine is turned off. You can also manually power on/off by pressing and holding the power button.
- **Recording:** Once powered on, the device automatically starts loop recording. Video files are saved in segments (e.g., 1, 3, or 5 minutes) to the memory card.
- **Loop Recording:** When the memory card is full, the oldest unlocked files will be automatically overwritten to make space for new recordings.
- **Emergency Lock:** In case of a sudden impact or collision, the built-in G-sensor will automatically lock the current video file to prevent it from being overwritten. You can also manually lock a file by pressing a designated button (refer to device buttons).

### Advanced Features

- **Parking Monitoring:** When the vehicle is parked and the device detects vibration or motion, it will automatically start recording to protect your vehicle. This feature requires a continuous power supply or the device's internal battery.



Image: A graphic depicting the 24-hour parking monitoring capability, showing a car in a parking lot with a large "24" overlay, indicating continuous surveillance.

- **Motion Detection:** In standby mode, if the device detects moving objects in front of the camera, it will automatically begin recording.
- **Rear Assist (Reverse Camera):** If a rear camera is connected, the screen will display the rear view with auxiliary lines when the vehicle is put into reverse, aiding in parking.
- **Night Vision:** The device is equipped with night vision capabilities to ensure clear recordings even in low-light conditions.

## Menu Navigation

Use the buttons on the device to navigate through the menu options. Common settings include:

- **Resolution:** Set video resolution (e.g., 1080P, 720P).
- **Loop Recording Duration:** Adjust the length of video segments.
- **G-Sensor Sensitivity:** Adjust the sensitivity of the emergency lock feature.

- **Parking Monitor:** Enable or disable parking monitoring.
- **Motion Detection:** Enable or disable motion detection.
- **Date/Time Stamp:** Enable or disable date and time overlay on videos.
- **Format Card:** Format the inserted memory card.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device and lenses. Do not use abrasive cleaners or solvents.
- **Memory Card:** Regularly format the memory card (at least once a month) to prevent data corruption and ensure smooth recording. Back up important files before formatting.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.

## TROUBLESHOOTING

Problem	Possible Solution
Device does not power on.	<ul style="list-style-type: none"> <li>• Ensure the car charger is properly connected and the vehicle's cigarette lighter socket is functioning.</li> <li>• Check if the car engine is running (if set to auto power on).</li> <li>• The internal battery might be depleted; charge the device for a few minutes.</li> </ul>
Recording stops or freezes.	<ul style="list-style-type: none"> <li>• Ensure you are using a Class10 or higher memory card.</li> <li>• Format the memory card regularly.</li> <li>• The memory card might be full; enable loop recording or delete old files.</li> <li>• Check for loose connections.</li> </ul>
Poor video quality.	<ul style="list-style-type: none"> <li>• Clean the camera lens.</li> <li>• Ensure the protective film (if any) has been removed from the lens.</li> <li>• Adjust video resolution settings to 1080P.</li> <li>• Check for sufficient lighting conditions.</li> </ul>
Memory card error.	<ul style="list-style-type: none"> <li>• Reinsert the memory card.</li> <li>• Format the memory card using the device's menu.</li> <li>• Try a different, high-quality Class10 memory card.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Display Screen	3.16-inch High Definition Screen
Video Resolution	1080P, 720P
Video Format	AVI
Photo Resolution	12M, 8M, 5M, 2MHD, 1M, VGA
Image Format	JPEG

Feature	Detail
Battery Type	180MAH Polymer Lithium Battery (built-in)
Storage	Small Memory Card up to 32GB Class10 (not included)
Gross Weight	249g / 8.8oz
Dimensions (Packaging)	15 x 11 x 7 cm

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Ailgely website. You may also contact the seller directly for assistance.

*Note: Product specifications and features are subject to change without prior notice.*