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## Hikity G840S

# Hikity G840S Mirror Dash Cam Backup Camera User Manual

## INTRODUCTION

Thank you for choosing the Hikity G840S Mirror Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your new dash camera system. Please read this manual thoroughly before use to ensure proper functionality and to maximize your driving safety and recording experience.

## WHAT'S IN THE BOX

Carefully unpack the box and ensure all items listed below are present and in good condition. If any items are missing or damaged, please contact customer support.

- 1 x 4 Inch In-Mirror Mounted Video Player (Main Dash Cam Unit)
- 1 x AHD Backup Camera (with Video/Power Cable)
- 1 x Cigarette Lighter Plug (Power Cord)
- 1 x 32GB TF Card
- 1 x User Manual
- Mounting Bracket
- Extended Line
- Removal Wrench
- Parts (Screws, adhesive pads, etc.)



Figure 1: Package Contents

## PRODUCT OVERVIEW

### Main Unit Features

- **4" IPS Full Touch Screen:** 1920\*1080P resolution with a 2.5D curved screen for clear display and intuitive control.
- **Smart Screen Split Function:** Observe two lens displays simultaneously, or view just the front camera, or the backup camera.
- **Type-C Power Supply:** Upgraded Type-C socket for stable power delivery, reducing issues like black screens or restarts.
- **Front Camera:** Integrated into the mirror unit, records in 1080P.

### Rear Camera Features

- **1080P AHD Backup Camera:** Provides clear rear view footage.
- **Waterproof Design:** Suitable for external vehicle mounting.
- **Night Vision:** Enhanced visibility in low-light conditions.
- **Parking Assistance:** Displays guidelines automatically when reversing.

### Key Functions

- **Seamless Loop Recording:** Automatically overwrites the earliest video segments with new files when the storage space is full.
- **G-Sensor:** Supports manual trigger or automatic emergency recording. When an impact is detected, the G-sensor locks the current video to prevent overwriting.
- **WDR Technology:** Automatically balances light and dark areas of the video, restoring true colors for clear images in varying light conditions.
- **24-Hour Parking Monitoring:** Detects vibrations and automatically records when the vehicle is parked.
- **Motion Detection:** Records when motion is detected in front of the camera, providing security when parked.

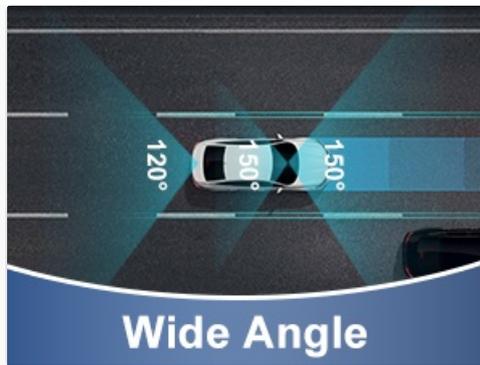


Figure 2: Main Dash Cam Unit with Labeled Controls

## SETUP AND INSTALLATION

### 1. Insert the TF Card

Before mounting, insert the provided 32GB TF card into the TF card slot on the main dash cam unit. Ensure it is inserted correctly until it clicks into place.

### 2. Mount the Main Dash Cam Unit

Attach the mounting bracket to the dash cam. Securely mount the dash cam to your vehicle's windshield using the suction cup mount. Position it to ensure a clear view of the road ahead without obstructing your driving visibility. The bracket allows for 360-degree adjustment.



Figure 3: Dash Cam Installation Effect

### 3. Connect Power

Connect the cigarette lighter plug to the main dash cam unit's Type-C power port and then plug it into your vehicle's 12V power outlet (cigarette lighter socket). Route the cable neatly to avoid interference with driving controls.

### 4. Install the Rear Camera

Mount the AHD backup camera at the rear of your vehicle, typically above the license plate. Connect the rear camera's video/power cable to the main dash cam unit. For parking assistance functionality, connect the red wire of the backup camera cable to your vehicle's reverse light power supply. This will automatically display parking guidelines when the vehicle is put into reverse gear.

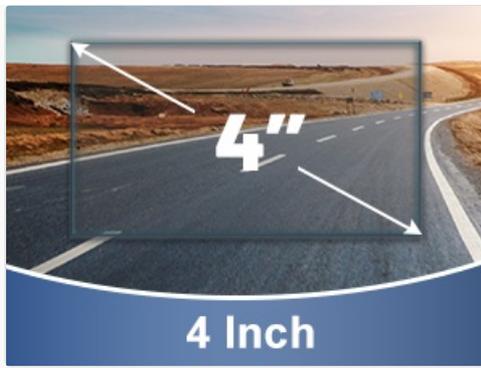


Figure 4: AHD Backup Camera

## OPERATING INSTRUCTIONS

### Power On/Off

The dash cam will automatically power on and begin recording when your vehicle starts and power is supplied. It will power off automatically when the vehicle is turned off.

### Touch Screen Operation

The 4-inch IPS touch screen allows for easy navigation through menus and settings. Tap icons to select options, swipe to scroll, and use the physical buttons for quick access to common functions like Menu, Up, Down, and Confirm.

### Recording Modes

- **Normal Recording:** Continuous recording while driving.
- **Loop Recording:** When the TF card is full, the oldest unlocked video files are automatically overwritten by new recordings. Ensure this feature is enabled in settings.
- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-sensor automatically detects the event and locks the current video file, preventing it from being overwritten by loop recording.
- **Parking Monitoring:** When the vehicle is parked and the dash cam is connected to a constant power source (or detects vibration), it will automatically record short video clips if an impact is detected.
- **Motion Detection:** If enabled, the dash cam will start recording when it detects movement in its field of view while parked.



Figure 5: Recording Features Overview

## Parking Assistance

When the rear camera is properly installed and connected to the reverse light, putting your vehicle into reverse gear will automatically display the rear view on the dash cam screen with parking guidelines, assisting you in safe parking maneuvers.



Figure 6: Parking Assistance Display

## Night Vision and WDR

The dash cam is equipped with advanced Analogy High Definition (AHD) technology and Wide Dynamic Range (WDR) technology. These features work together to automatically balance light and dark areas in the video, ensuring clear and detailed recordings even in low-light conditions or challenging lighting environments.



Figure 7: WDR Technology Explanation

## MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth to gently clean the camera lenses. Avoid abrasive materials or harsh chemicals that could scratch the lens.
- **Cleaning the Screen:** Wipe the touch screen with a soft, dry cloth. For stubborn smudges, use a screen cleaner specifically designed for electronic displays.
- **TF Card Maintenance:** Regularly format the TF card (at least once a month) within the dash cam's settings to ensure optimal performance and prevent data corruption. Back up any important videos before formatting.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for extended periods, as this can affect battery life and overall performance.

## TROUBLESHOOTING

### Dash Cam Not Powering On

- Check if the cigarette lighter plug is securely inserted into both the dash cam and the vehicle's power outlet.
- Ensure the vehicle's power outlet is functioning (test with another device).

- Verify the vehicle's ignition is on.

## Recording Stops or Freezes

- Format the TF card regularly. A corrupted or full TF card can cause recording issues.
- Ensure you are using a high-speed (Class 10 or U1/U3) TF card.
- Check if loop recording is enabled.

## Rear Camera Not Displaying

- Verify that the rear camera cable is securely connected to the main dash cam unit.
- Check for any damage to the rear camera cable.

## Parking Guidelines Not Appearing

- Ensure the red wire of the backup camera cable is correctly connected to your vehicle's reverse light power supply.
- Confirm the vehicle is in reverse gear.

## Screen Blackout/Restarting

- Ensure the Type-C power cable is securely connected and not loose.
- Avoid using non-standard power cables or adapters.
- High temperatures can sometimes cause issues; ensure proper ventilation.

## SPECIFICATIONS

Feature	Specification
Product Dimensions	0.9"D x 9.2"W x 2.8"H
Item Weight	14 ounces
Display	4" IPS Full Touch Screen
Video Capture Resolution	1080p (Front & Rear)
Connectivity Technology	USB
Special Features	G-Sensor, Loop Recording, Night Vision, Parking Assistance, WDR
Control Method	Touch
Mounting Type	Windshield Mount
Included Memory Card	32GB TF Card
Power Supply	Type-C
Color	Black

## WARRANTY AND SUPPORT

Hikity provides comprehensive customer support for your G840S Mirror Dash Cam:

- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.
- **12-Month Replacement Warranty:** The product is covered by a 12-month replacement warranty for manufacturing defects.
- **Lifetime Technical Support:** Receive technical assistance for the lifetime of the product.
- **Customer Service:** Friendly customer service is available, with email responses typically within 24 hours.

For any questions, troubleshooting, or warranty claims, please contact us:

**Email: [hikitySupports@163.com](mailto:hikitySupports@163.com)**



Figure 8: Hikity Customer Support Contact