Road Angel Road Angel Halo Ultra

Road Angel Halo Ultra Dash Cam User Manual

Model: **Road Angel Halo Ultra** | Brand: **Road Angel**

INTRODUCTION

The Road Angel Halo Ultra Dash Cam is a high-performance vehicle recording device designed to enhance driving safety and provide reliable evidence in case of incidents. Featuring 4K Ultra HD recording, a wide 140-degree viewing angle, and advanced features like Super Night View and a comprehensive Park Mode, this dash cam offers continuous surveillance and peace of mind.

It integrates seamlessly with your smartphone via 5GHz Wi-Fi, allowing for real-time viewing, footage management, and access to GPS and telematics data through a dedicated application. The Halo Ultra is engineered with a HiSilicon 3559 processor and a Sony IMX415 image sensor for superior video quality.

Image: Front view of the Road Angel Halo Ultra Dash Cam, showcasing its compact design and lens.

SETUP

Package Contents

- Road Angel Halo Ultra Dash Cam
- Connector Cable (USB Type C)

- Car Power Connector
- 64GB Internal Storage (or included SD card)

Installation Steps

1. **Mounting the Dash Cam:**

   Choose a suitable location on your windshield, typically behind the rearview mirror, ensuring it does not obstruct your view. Clean the area thoroughly before attaching the mounting bracket. The discreet design allows for unobtrusive placement.

Image: Illustration of the dash cam discreetly mounted on a car windshield, showing its compact size.

2. **Connecting Power:**

   Connect the provided USB Type C cable to the dash cam and the car power connector. Route the cable neatly along the windshield and dashboard edges to the vehicle's power outlet (cigarette lighter socket). For continuous 24/7 surveillance and parking mode functionality, a hardwire kit (sold separately) is recommended.

3. **Initial Power On:**

   Once connected, the dash cam will power on automatically when the vehicle's ignition is turned on. The device will begin recording automatically.

4. **Smartphone App Connection:**

   Download the dedicated Road Angel Halo app from your smartphone's app store (available on iOS and Android). Enable Wi-Fi on your phone and connect to the dash cam's 5GHz Wi-Fi network. Follow the in-app instructions to complete the setup and access live view, settings, and recorded footage.

Image: A smartphone displaying the Road Angel app interface, showing live footage and map data, alongside the dash cam. This illustrates the smartphone integration feature.

OPERATING INSTRUCTIONS

Automatic Recording

The Halo Ultra automatically starts recording when powered on. Footage is recorded in a continuous loop, overwriting the oldest files when the storage is full. Important events triggered by the G-Sensor or manual events are protected from being overwritten.

G-Sensor and Event Recording

The built-in G-Sensor detects sudden acceleration, braking, or impacts. When such an event occurs, the dash cam automatically locks the current video segment, preventing it from being overwritten during loop recording. These event files are stored in a separate, protected folder.

Parking Mode

With a hardwire kit (sold separately), the Halo Ultra provides 24/7 parking surveillance. The dash cam will monitor your vehicle for motion or impact events while parked. If an event is detected, it will automatically record and save the footage. The system includes a variable voltage battery cut-off to prevent draining your car's battery.

Image: Diagram illustrating the Parking Mode feature, showing a car under surveillance with G-Sensor detection and the Winter Heating Mode icon.

Winter Heating Mode

This feature, active when the dash cam is hardwired, helps keep the windshield area around the camera clear from frost, ice, and condensation in cold weather, ensuring clear recordings.

Image: Close-up of the dash cam with an orange heat icon, indicating the Winter Heating Mode feature.

Smartphone App Functions

- **Live View:** Stream real-time video from the dash cam to your phone.
- **Footage Playback & Download:** Review recorded videos and download them directly to your smartphone.
- **Editing & Sharing:** Edit video clips and photos within the app, and share them to social media platforms.
- **GPS & Telematics Data:** Access detailed journey data, including speed, location, and driving behavior insights.
- **Settings Adjustment:** Configure dash cam settings such as recording resolution, G-Sensor sensitivity, and parking mode options.

Maintenance

Cleaning the Lens

Regularly clean the dash cam lens with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials or harsh chemicals that could scratch the lens.

Firmware Updates

Check the Road Angel website or the smartphone app periodically for firmware updates. Keeping your dash cam's firmware up-to-date ensures optimal performance, new features, and bug fixes.

Data Management

While the dash cam features loop recording, it is advisable to regularly back up important footage to your computer or cloud storage. Periodically format the internal storage (or SD card) through the app to maintain optimal recording performance, especially if you frequently experience G-Sensor events.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam not powering on.	No power supply; faulty cable; vehicle power outlet issue.	Check power connection. Ensure vehicle's power outlet is functional. Try a different USB-C cable or power source if available.
Recording quality is poor/blurry.	Dirty lens; protective film still on lens; incorrect resolution setting; extreme temperature.	Clean the lens. Remove any protective film. Check recording resolution in the app. Ensure operating within recommended temperature range.
Wi-Fi connection issues with smartphone.	Incorrect Wi-Fi password; phone automatically switching networks; interference.	Ensure correct Wi-Fi password. Disable automatic Wi-Fi switching on your phone. Move closer to the dash cam. Restart both devices.
Parking mode not working.	Not hardwired; parking mode disabled in settings; low car battery voltage.	Ensure dash cam is hardwired. Verify parking mode is enabled in the app. Check car battery voltage.
Footage not saving or being overwritten too quickly.	Storage full; faulty storage; loop recording settings.	Format the internal storage (or SD card). If issues persist, the storage may be faulty. Check loop recording settings in the app.

SPECIFICATIONS

Model Name	Road Angel Halo Ultra
Dimensions (L x W x H)	11 cm x 5 cm x 3.5 cm (4.33 in x 1.97 in x 1.38 in)
Weight	440 grams (0.97 lbs)
Recording Resolution	4K (2160p)
Viewing Angle	140°
Image Sensor	Sony IMX415
Processor	HiSilicon 3559

Internal Memory	64GB Built-In
Connectivity	5GHz Wi-Fi, GPS, USB Type C
Power Input	5V USB C
Battery Protection	Variable Voltage Cut-Off (9.6V - 11.3V)
Special Features	ADAS (Lane Departure Warning, Onward Collision Warning, Front Car Movement Warning), Winter Mode, True Parking Mode, G-Sensor, Super Night View, Anti-distortion lens.

Image: Visual representation of the Road Angel Halo Ultra's key specifications, including dimensions and technical details.

WARRANTY AND SUPPORT

Warranty Information

The Road Angel Halo Ultra Dash Cam comes with a **3-year warranty**. To activate and validate your warranty, please register your product online at the official Road Angel website: www.roadangelgroup.com. This warranty covers manufacturing defects and ensures the quality and reliability of your device.

Image: A badge indicating a 3-year warranty for Road Angel products.

Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your Road Angel Halo Ultra Dash Cam, please visit the Road Angel support page on their official website. You can find FAQs, contact information, and additional resources there.

Official Website: www.roadangelgroup.com

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