

# ROAD ANGEL<sup>TM</sup>

## HALO PLAY ULTIMA, GUARD & RC100

Halo Play



Halo Ultima



Halo Guard



Halo RC100



USER MANUAL



**Need Help? +44 (0)330 320 3030**

RoadAngelGroup.com

# Welcome

Welcome to the Road Angel family! Thank you for purchasing the Road Angel Dashcam Halo Guard / Halo Play / Halo Ultima. This user manual will guide you through the setup, operation, and maintenance of your new dashcam. We are committed to providing you with the best possible driving experience by offering advanced safety features and high-quality video recording.

## Introduction

Welcome to the new Dash cam revolution Halo Play / Ultima / Guard Dash Camera, a top-tier 4K / 2K Ultra / Quad HD intelligent recording device designed to enhance your driving safety and experience. With a compact design, powerful features, and advanced safety systems, the new Halo dash cam is your ultimate road companion. Please read this manual carefully before using the product and keep it for future reference.

## Product overview

The Road Angel Dashcam Halo Guard / Halo Play / Halo Ultima models are designed to provide high-quality looped video recording, enhanced safety features, and easy-to-use interfaces for all your driving needs.

## Download the “Halo Playback” Smartphone App

Please scan the QR code with a compatible smartphone camera to go to the relevant location for download.



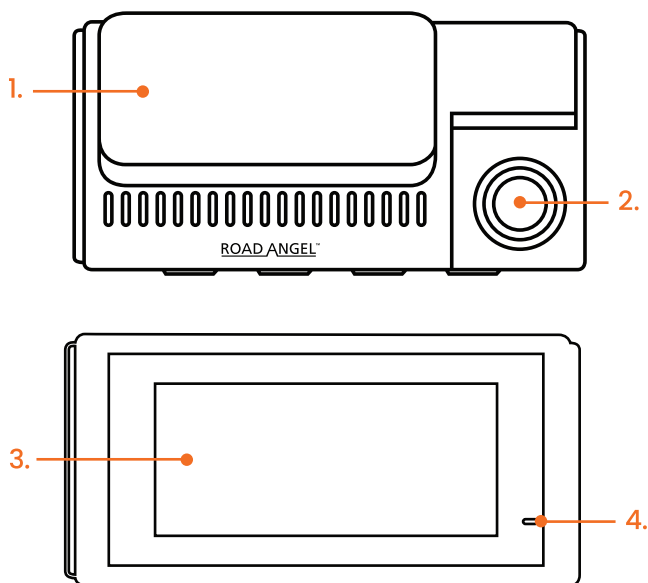
# Registering your 3-year industry-leading warranty

Please scan the QR code with a compatible smartphone camera to go to the relevant location for download.



Please use the “Road angel” app, create an account, record your login details and add your device for warranty registration to your in-app account.

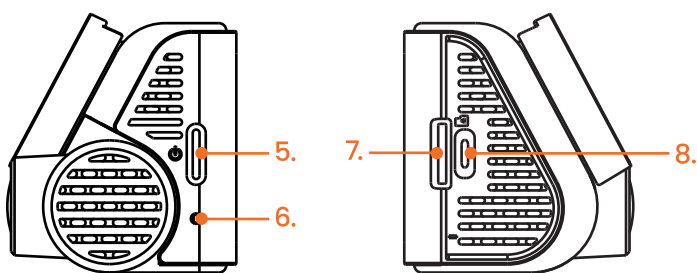
## Product appearance<sup>1</sup>



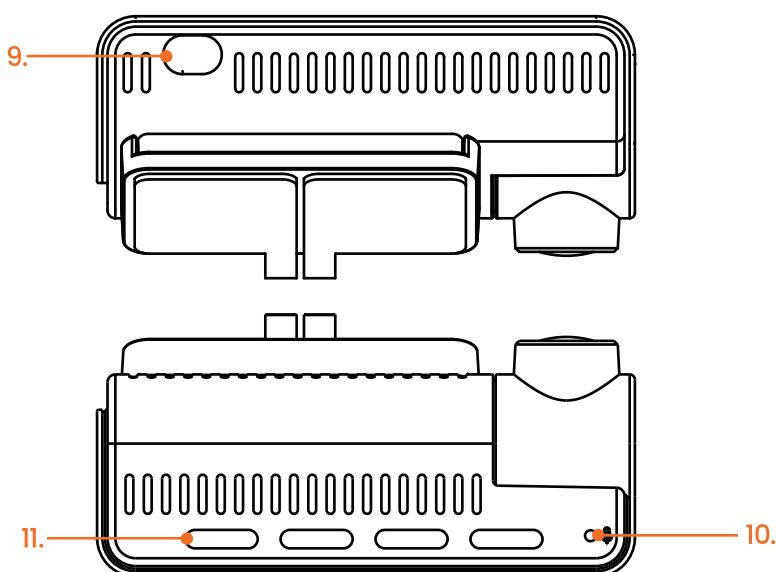
- 1. Front Camera Mounting Point
- 2. Camera
- 3. Screen / Blanking plate
- 4. Indicator Light – LED

**ROAD ANGEL™**

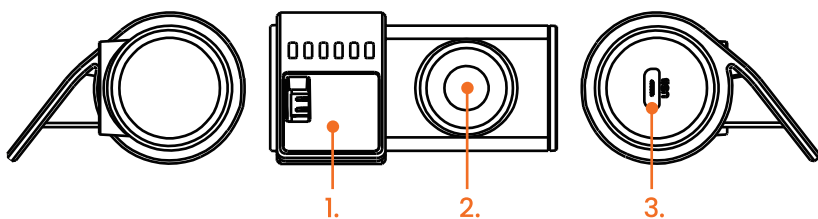
## Product appearance<sup>2</sup>



- 5. Power Button
- 6. Pin Reset Button
- 7. SD Card Slot
- 8. USB C Power Port



- 9. Rear Camera Power Port
- 10. Mic
- 11. Function Button(s) (Halo Play only)



- 1. Bracket / Mounting Point
- 2. Halo Play/Ultima Rear Camera (Halo RC100)
- 3. USB Power Port

# Key Features

## Halo Play:

- 1. 2160p 4K Ultra HD Front Camera:** Captures crystal-clear video for the front view.
- 2. 1080p Full HD Rear Camera:** Internal-mounted rear camera with wide-angle view and adjustable positioning.
- 3. 3.2" LCD Screen:** Provides easy operation, playback, and setup with automatic timeout to prevent distractions.
- 4. ADAS (Advanced Driver Assistance Systems):** Includes Lane Departure Warning and Forward Collision Alerts.
- 5. 24/7 True 2-Tier Parking Mode:** Offers constant surveillance with two options: time-lapse recording and collision-triggered recording.
- 6. Winter Mode:** Ensures reliable performance in cold weather by preventing lens obstruction due to ice or snow.
- 7. Built-in GPS:** Tracks your journey, including locations and speeds, for detailed playback and analysis.
- 8. Voice Commands:** Operate the camera hands-free using simple voice commands in English or French.
- 9. HD Night Vision:** Maximizes light intake for superior low-light footage.
- 10. Battery Voltage Monitoring:** Prevents battery drain with an intelligent cut-off mechanism.
- 11. Auto Image Stabilization:** Reduces blurring and improves video quality, even on rough roads.
- 12. Quick-Release Mounting System:** Allows easy removal and reinstallation between vehicles.

## Feature Differences: Halo Play (SGL)

- This dashcam has the same specifications as the "Play" model above but does not include the Halo RC100 1080p Rear camera.

## Feature Differences: Halo Ultima

- This dashcam is the same specifications as above but does not feature a 3.2" screen.
- This dashcam does not feature voice commands.

## Feature Differences: Halo Guard

- This dashcam is the same specification as the Halo Ultima, but does not feature 4K recording, its is 2k 1440p and a rear camera is not included. The Halo RC100 1080p Rear camera can be purchase optionally to allow the Halo Guard to become a Front and Rear dashcam.

# Package Contents

## Halo Play & Halo Ultima:

- Dash Camera x 1
- 1080p Internal-Mounted Halo RC100 Rear Camera x 1
- Quick-Release Windscreen Mount
- 12v/24v USB Power Adapter x 1
- 3.5m Front USB Cable x 1
- 7m Front to Rear Camera Cable x 1
- 12" Hardwiring Kit Adapter for RA7300C Dashcam Hardwire Kit
- Front & Rear Spare Sticky Pads x 1
- Front & Rear Electrostatic Stickers x 1
- Trim Tool
- Quick Start Guide x 1

## Halo Guard:

- Dash Camera x 1
- Quick-Release Windscreen Mount
- 12v/24v USB Power Adapter x 1
- 3.5m Front USB Cable x 1
- 12" Hardwiring Kit Adapter for RA7300C Dashcam Hardwire Kit
- Front Spare Sticky Pads x 1
- Front Electrostatic Stickers x 1
- Trim Tool
- Quick Start Guide x 1

## Halo RC100:

- 1080p Internal-Mounted Halo RC100 Rear Camera x 1
- 7m Front to Rear Camera Cable x 1
- Rear Spare Sticky Pads x 1
- Rear Electrostatic Stickers x 1
- Quick Start Guide x 1

# Dashcam Anatomy & Operation

- 1. Power Button:** Powers the camera on/off.
- 2. Reset Button:** Resets the camera to factory settings.
- 3. Rear Camera Port:** Connects the rear camera.
- 4. 3.2" LCD Screen:** Displays live footage, menus, and settings.
- 5. Indicator Lights:** Show camera status (e.g., recording, charging).
- 6. Microphone:** Captures optional audio along with video footage.
- 7. Function Buttons:** Navigate the menu and control camera features.
- 8. Micro SD Card Slot:** Supports Class 10 U3 Micro SD cards up to 256GB.
- 9. USB Port:** For power input only

\*Points 4 & 7 are NOT applicable to Halo Ultima & Halo Guard\*

# Buttons and Ports

Operation	Function
Click the power button once	Toggle Wi-Fi on or off
Click the power button 3 times	Format Micro SD
Click the power button 5 times	Restore factory default settings
Press & hold the power button for 10 seconds	Power down the Dashcam

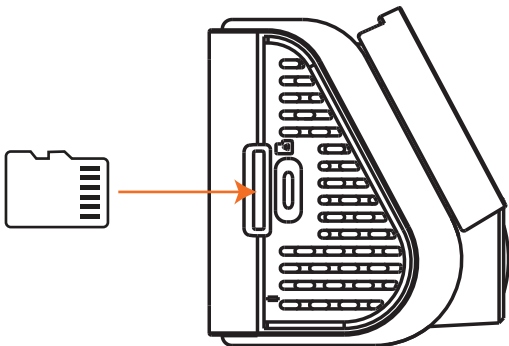
## LED Indicators

Status	Function
Solid Green	Recording in normal mode
Solid Blue	Not recording
Solid Red	Abnormal recording/No SD card/ Formatting issue
Flasing Green	Recording an emergency event
Flashing Blue	Processing tasks (SD Card Formatting)

# Installation Instructions<sup>1</sup>

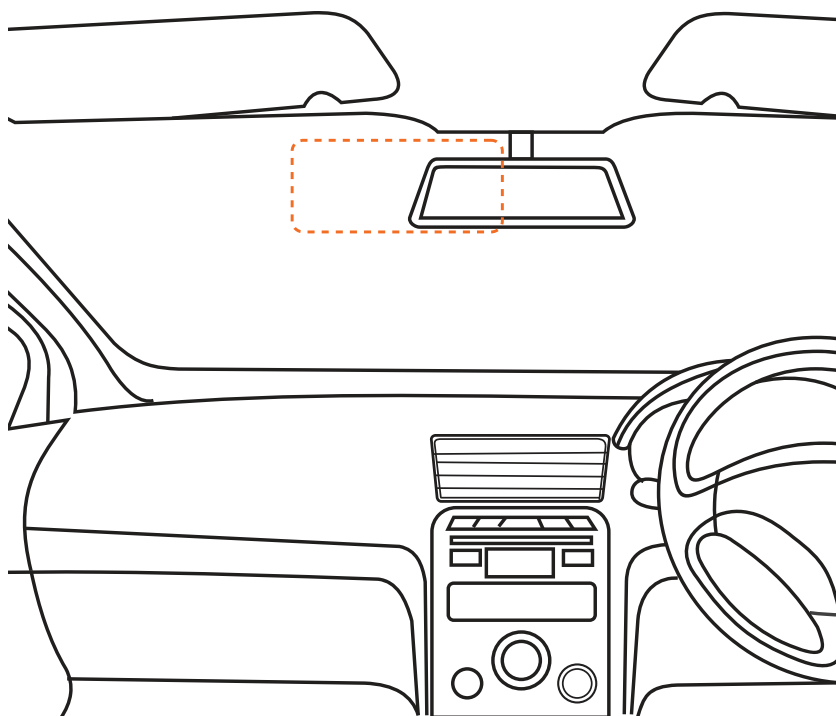
## 1. Inserting the Micro SD Card

- **Card Requirements:** Use a high-endurance Class 10 U3 Micro SD card (16GB–256GB) optimized for continuous video recording., please be mindful to match the size of SD Card appropriately for the resolution of the Dashcam.
- **Steps:** Insert the card into the spring-loaded slot until you hear a click, ensuring it's securely seated.



# Installation Instructions<sup>2</sup>

## 2. Applying the Electrostatic Sticker



- **Choosing the right location:** ensure you chose the optimal location giving your dash cam the best field of view, ensure there is nothing that block the view, you may use the screen on the Halo Play or Halo Playback smartphone app for Guard/Ultima to view the camera in live preview to adjust the location before Application and mounting. Please bear in mind that to use the quick-release mount you must leave enough clearance space to mount and unmount the dashcam.
- **Preparation:** Clean the area on the windshield where the camera will be mounted, ensuring it's smooth and free of debris or any contaminates on the glass. An alcohol-based cleaner is recommended to be used and thoroughly dried before application.
- **Application:** Place the electrostatic sticker in the desired location, ensuring no air bubbles are present.

## 3. Inserting the Micro SD Card

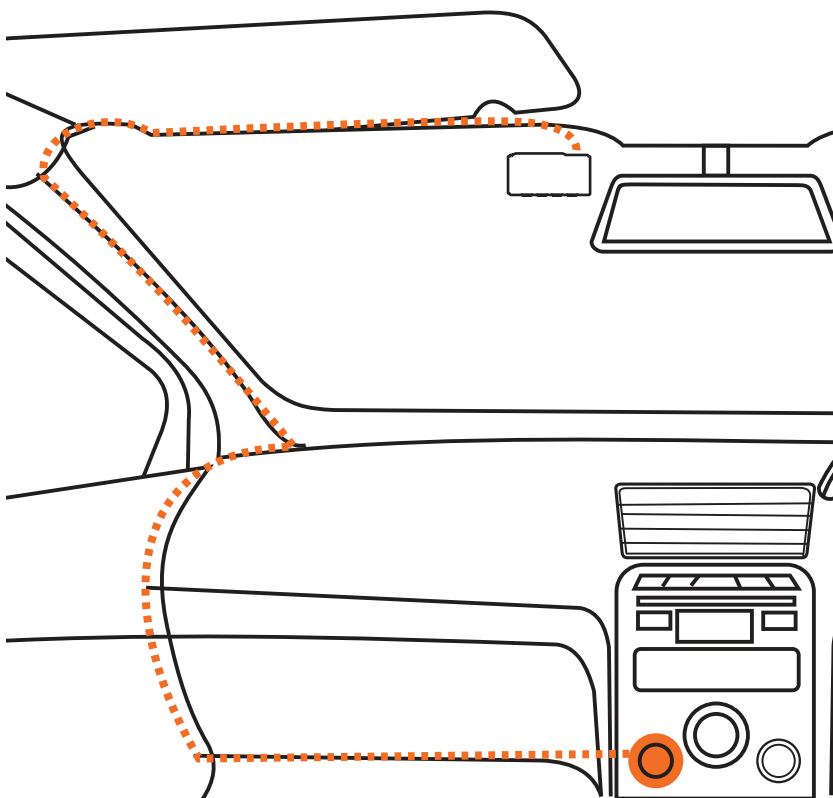
- Step 1: Remove the protective film from the 3M tape on the bracket.
- Step 2: Attach the camera to the electrostatic sticker on the windshield.
- Step 3: Adjust the camera angle for optimal front and rear coverage.



# Installation Instructions<sup>3</sup>

## 4. Connecting the Power Supply

- **Option 1: Cigarette Lighter Socket:** Route the power cable along the windshield, down the A-pillar, and into the cigarette lighter socket.
- **Option 2: Hardwiring Kit (Optional):** Use the RA7300C hardwiring kit for continuous power and enhanced 2-tier parking mode functionality. The kit includes voltage cut-off protection to prevent battery drain on the vehicle. We recommended speaking professional installation for this to be wired correctly or using the HWK guide if you wish to hardwire yourself.



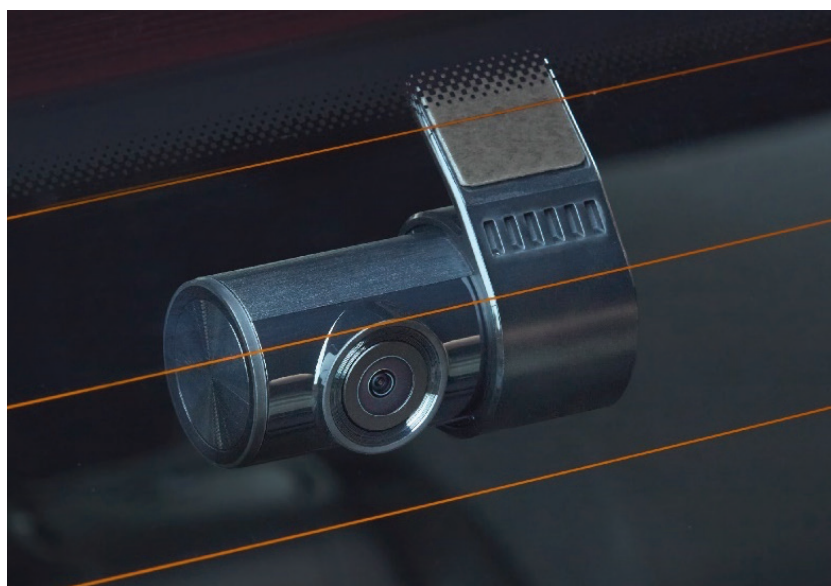
## 5. Installation Safety

- Ensure the dashcam does not obstruct the driver's view.
- Mount securely to avoid failure in case of sudden stops or impacts.

# Installation Instructions<sup>4</sup>

## 6. Installing the Rear Camera – (Halo Play & Halo Ultima & Halo RC100)

- **Positioning:** please ensure you get the orientation of the camera correct, when looking into the vehicle from the rear windscreen, the camera lens should be on the left. Mount the rear camera on the rear windshield or within the vehicle for an internal view, using the sticky pad. Ensure you use the Electrostatic sticker before mounting the rear camera.



- **Connection:** Plug the rear camera cable into the designated port on the main dash camera unit and route the 7m cable across the top of the windscreen, down the A-pillar, across the car trims and back up toward the rear windscreen. You may also feed the front – rear cable through to the rear via the roof liner if you wish. Bear in mind DAB interference might occur. You may use an additional ferrite core.
- **Adjustment:** The rear camera is adjustable for capturing a 125-degree wide-angle view of the rear surroundings.
- **Final Adjustments to front and or rear Camera Lens Angle:** Power on the dash camera and use the display screen or Halo Playback smartphone app to adjust the angle for optimal field of view coverage.

# Initial Setup

- **Power On:** Press the power button or turn on the power feed to turn on the dash camera.
- **Wi-Fi Setup:** Connect your smartphone to the camera's Wi-Fi hotspot using the Halo Playback App for easy setup and management. Default password "1234567890"
- **Open Halo Playback app:** to load settings and options.
- **Language Selection:** Choose your preferred language from the settings menu.
- **Date and Time:** Set the correct date and time for accurate timestamps on recordings.
- **Password management:** please change your password to protect your footage and dashcam access.
- **Firmware updating:** Check for updates via the Halo Playback App to ensure your dash camera is running the latest software, full features & functionality.

## Recording Modes:

- You must use 12 inch Type C – Type C adapter in box

With the Halo's innovative Parking Mode (hardwiring kit required), your vehicle remains safeguarded even when you're away or parked. Simply turn off your ignition, and the Halo seamlessly transitions into Parking Mode, offering either time-lapse recording or a standby dormant option to conserve power. Rest easy knowing your vehicle is under continuous surveillance, providing peace of mind wherever you go.

- **Normal Recording:** Automatically starts when the camera is powered on. The flashing red dot indicates active recording.
- **Emergency Recording:** Triggered by the adjustable sensitivity G-sensor during sudden impacts or manually via the function button. These files are stored separately to prevent overwriting.

## Parking Mode:

- **Collision Monitoring:** Activates upon detecting physical movement or impact, recording 10 seconds before and after the event.
- **Time-lapse Video Mode:** Records at a reduced frame rate (1 FPS) to save storage while still capturing essential events.
- When selecting setting in app for Time-lapse or Parking mode, you must have the adapter connect to the RA7300C Hardwire kit. It is advised to use only Parking Mode OR time-lapse. Do Not have them both turned on.

# Playback and Video Management

- **Accessing Footage:** Use the Halo Playback App or the camera's screen to review recordings.
- **Deleting Files:** Delete unwanted videos directly from the camera or via the app.
- **Exporting Videos:** Transfer important footage to your phone or computer for safekeeping and share directly via email, WhatsApp, or social media.

## Advanced Features & Settings

### 1. Video Settings:

- **Resolution:** This is automatically set at the Dashcams optimal specification.
- **Loop Recording Duration:** Set the length of each video clip (e.g., 1, 3, 5 minutes).
- **G-Sensor Sensitivity:** Adjust your preference of the sensitivity for triggering emergency recordings.

### 2. System Settings:

- **Wi-Fi Hotspot:** Manage Wi-Fi settings, including changing the hotspot password.
- **Volume Control:** Adjust audio prompts volume output.
- **Screen Timeout:** Set the duration before the screen automatically turns off to minimize distractions. (Halo Play only)
- **Firmware Updates:** Check for updates via the Halo Playback App to ensure your dash camera is running the latest software.

### 3. Winter Mode

- **Activation:** Automatically engages when temperatures drop to freezing temperatures to prevent lens obstruction from ice or snow, ensuring clear footage in all weather conditions. This is only available in Time-lapse recording mode and using RA7300C hardwire kit with adapter.

### 4. Voice Commands

- **Supported Commands:** Operate the dash camera hands-free with simple voice commands like "Take Photo," "Lock Video," "Turn on Audio," and "Turn Off Audio." Currently supports English and French.

# Maintenance & Troubleshooting

## 1. General Maintenance

- **Cleaning:** Regularly clean the camera lens and the windshield for clear recordings.
- **SD Card Care:** Format the SD card periodically and replace it if recording performance degrades. Use a Class 10 U3 Automotive Grade SD Card.

## 2. Troubleshooting

- **Camera Not Powering On:** Check power connections, ensure the car's ignition is on, or try resetting the camera.
- **Recording Issues:** Ensure the compatible SD card is correctly inserted, properly formatted, and has sufficient storage space.
- **App Connection Problems:** Restart the camera and your shut down the Halo Playback app and reconnect to the Wi-Fi hotspot. Temporarily turn off mobile data on your smartphone as this can interrupt your connectivity.

# Warranty and Support

- **Warranty Period:** 3 years from the date of purchase, covering full EU/UK warranty and repair services. Postage is not included outside of UK.
- **Customer Support:** For assistance, visit our website, contact our dedicated support team via phone or email, or explore our comprehensive online resources such as Live chat and Our support centre.

# Safety Information

- **Installation Precautions:** Ensure the camera does not obstruct your view or interfere with vehicle operations, such as airbags.
- **Operating Temperature:** Use the device within the specified temperature range (-20°C to 65°C). Avoid exposing the dashcam to extreme temperatures.
- **Handling and Storage:** Avoid exposing the camera to strong magnetic fields or harsh environments.
- **Read all instructions before using the dashcam.**
- **Do not disassemble the device.**
- **Use only the provided charger and accessories.**

# Additional Notes

- **Legal Compliance:** Ensure that the installation and use of this dash camera comply with local laws and regulations regarding in-car video recording.
- **Data Privacy:** Be aware of privacy concerns when recording video, especially in public or shared spaces.

## Specifications

- **Front Camera:** 2160p (4K) Ultra HD
- **Rear Camera:** 1080p Full HD, adjustable angle
- **Display:** 3.2" LCD Screen
- **Viewing Angle:** 140° wide-angle lens
- **Storage:** Supports up to 256GB Class 10 U3 Micro SD Card
- **GPS:** Built-in for journey tracking
- **Voice Commands:** Supported in English and French
- **Wi-Fi:** 2.4GHz Built-in for app connectivity
- **Battery Voltage Monitoring:** Included with intelligent power cut-off
- **G-Sensor:** Adjustable sensitivity for impact detection
- **Input:** 5V / 2A
- **Power Supply:** 12v/24v Car Charger or Hardwiring kit (RA7300c)
- **Dustproof Rating:** IPX2
- **Operating Temperature:** -20°C to +65°C
- **Storage:** Supports up to 256GB Class 10 U3 Micro SD Card

## Getting Started<sup>1</sup>

- **Q1. Does this camera come with an SD card?**
- **A:** No, the SD card is not included. We recommend purchasing a high-endurance, automotive-grade SD card from Road Angel. You may be able to buy the dashcam on promotion with free SD card from some retailers or as a Bundle package.
- **Q2. What is the maximum SD card capacity?**
- **A:** The Halo Play supports up to 256GB. Ensure you use a Class 10 U3 Micro SD card.

# Getting Started<sup>2</sup>

- **Q3. How do I pair the Dashcam with the app?**
- **A:** Follow the Quick Start Guide and scan the QR code to download the "Halo Playback App." Connect to the dashcam's hotspot using the default password displayed on the app. You can then access the settings and footage. You can also change the password for extra security.
- **Q4. Can I change the language on the Dashcam?**
- **A:** Yes, the app offers 16 language options. The on-screen display on the Halo Play supports English, German, French, Polish, and Dutch.
- **Q5. What is the warranty period?**
- **A:** All Road Angel Dashcams come with an industry-leading 3-year warranty. You will need to register your warranty using the "Road Angel" App. This is not the app to use for Playback/ settings / footage download.

## Operation & Settings

- **Q6. Do I need a hardwiring kit?**
- **A:** Yes, if you want to use the 2-tier parking mode functionality. You'll need the RA7300C hardwiring kit from Road Angel, along with the adapter included in the box.
- **Q7. Do I need to keep my smartphone connected to the Dashcam?**
- **A:** No, you don't need to keep your phone connected. You only need to use your phone to download or view footage, or to change settings.
- **Q8. How can I restore factory settings on my Dashcam?**
- **A:** You can restore factory settings through the Halo Playback App or by pressing the power button five times.
- **Q9. Can I format the SD card?**
- **A:** Yes, you can format the SD card within the Halo Playback App under the settings.
- **Q10. How do I format the SD card?**
- **A:** You can format the SD card by pressing the power button on the side five times or by following the on-screen prompt (Halo Play model only).

# Features & Functionality

- **Q11. Can the Dashcam drain my car battery?**
- **A:** No need to worry. If you plug it into the 12V socket, the dashcam only works when the ignition is on, so it won't drain your battery. If hardwired, the kit has a protection mechanism that cuts power if the car battery gets too low.
- **Q12. My dashcam won't go into parking mode. What should I do?**
- **A:** Parking mode only works with the RA7300C wiring kit and the 12-inch Type-C to Type-C USB adapter included in the box. In the app, you must select either "Parking Mode" or "Time Lapse," but not both simultaneously. After 5-15 minutes of being stationary, the dashcam will enter parking mode.
- **Q13. Why doesn't the GPS map show up on my footage in the app?**
- **A:** The map will only appear on footage that you download, provided there's a GPS signal lock.
- **Q14. My rear camera footage is mirrored or backward. How do I fix this?**
- **A:** Sorry about that! You may have fitted the rear camera in the wrong orientation, please connect to the Halo Playback App and use the "Rear Camera Flip" option to correct it. You can also flip this by cropping the video and pressing the mirror button on your smartphone camera/playback settings

## Hardware

- **Q15. How long is the front-to-rear camera cable?**
- **A:** The cable is 7 meters long, which should be sufficient for most vehicles.
- **Q16. Is there a subscription required?**
- **A:** No, there are no subscriptions required for Road Angel Dashcams.
- **Q17. How long is the main power cable?**
- **A:** the front power cable is 3 meters long