

ROAD ANGELTM

HALO ELITE



USER MANUAL



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RoadAngelGroup.com

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Welcome

Welcome to the Road Angel family! Thank you for purchasing the Road Angel Halo Elite. This user manual will guide you through the setup, operation, and maintenance of your new dash cam.

We're committed to delivering the ultimate driving experience with advanced safety technology, premium build quality, and crystal-clear video recording — giving you confidence and protection on every journey.

Introduction

Experience driving protection at its finest. The Halo Elite by Road Angel is our most advanced dash cam, engineered for drivers who demand exceptional performance and reliability.

Featuring stunning 4K Ultra HD front recording and Full HD rear capture, Halo Elite ensures every detail is preserved with outstanding clarity. Powered by Sony Starvis image sensor technology, it delivers superior low-light performance for sharp, vivid footage — day or night.

With built-in WiFi connectivity, GPS, and intelligent parking protection (with optional hardwire kit), loop recording, and a highly responsive G-sensor, Halo Elite is designed to protect you on the road and when parked. Premium design meets cutting-edge technology for total peace of mind.

Product Overview

The Halo Elite is a high-performance front and rear dash cam system designed to provide uncompromising video quality and complete vehicle protection.

Recording in 4K Ultra HD at the front and 1080p at the rear, Halo Elite captures sharp, detailed footage across a wide field of view, ensuring comprehensive road coverage. It's advanced Sony Starvis 2 sensor enhances clarity in low-light conditions, while built-in GPS logs your speed and location data for added accuracy and protection.

Seamlessly integrated into your vehicle, Halo Elite combines discreet design with powerful features — including WiFi app control, loop recording, G-sensor incident detection, and real Parking Mode capability — making it the ultimate driving companion.

Download the Halo Smartphone App

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



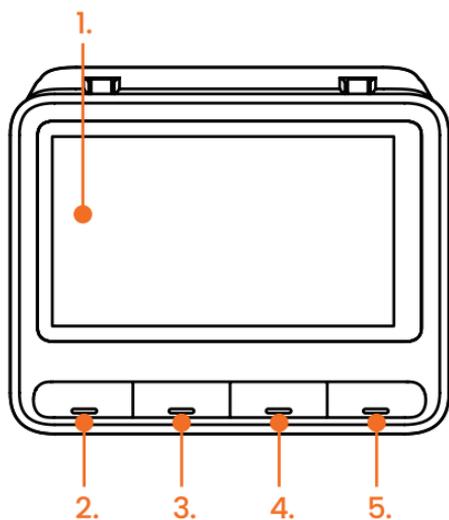
Registering your 3-year industry-leading warranty

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

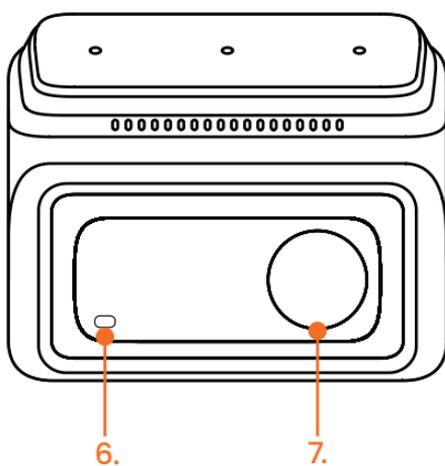


Please use the "Road angel" app, create an account, record your login details and add your device for warranty registration to your in-app account.

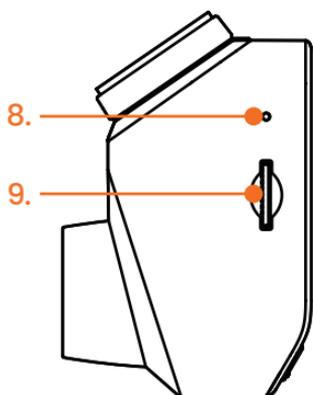
Product appearance



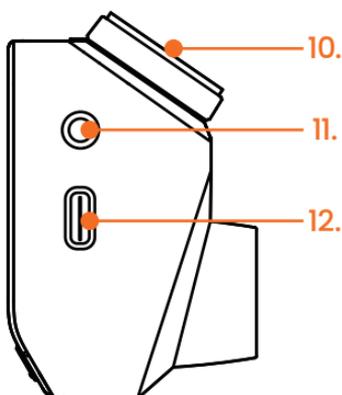
- 1. Display.
- 2. Return Button.
- 3. Left/Up Button.
- 4. Right/Down Button.



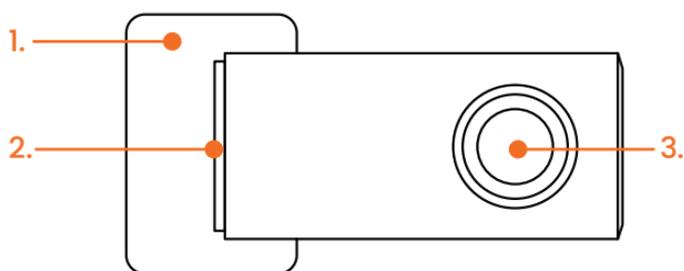
- 5. Confirm Button.
Press & hold for 6 sec to reset
- 6. Indicator Light - LED.
- 7. Lens.



- 8. Mic.
- 9. Micro-SD Card Slot.



- 10. Removable Base.
- 11. Rear Camera Port.
- 12. USB Type-C Port.



- 1. Bracket / Mounting Point.
- 2. USB Power Port.
- 3. Camera Lens.

Key Features

- 1. Reset Button:** Restores the camera to factory settings (use a pin to press).
- 2. Rear Camera Port:** Connects the Full HD rear camera.
- 3. 3" LCD Screen:** Displays live footage, playback, menus, and camera settings.
- 4. Status Indicator Lights:** Show camera activity such as Normal Recording/Parking Monitoring & Time-lapse video/normal video.
- 5. Microphone:** Records optional in-cabin audio alongside video footage (can be enabled/disabled in settings).
- 6. Control Buttons:** Navigate menus, adjust settings, start/stop recording, and access key features.
- 7. 32GB internal eMMC + MicroSD (up to 512GB):** Supports Class 10 U3 Automotive-Grade Micro SD (recommended for 4K recording).
- 8. USB-C Power Port:** Provides power to the device (power input only).
- 9. Built-in WiFi & GPS:** Wi-Fi Enables smartphone connectivity via the The Halo app & GPS records speed/location data with footage.

Package Contents

- **Halo Elite Front 4K Dash Camera ×1**
- **Full HD Rear Camera ×1**
- **Quick-Release Windscreen Mount ×1**
- **12V/24V USB-C Power Adapter ×1**
- **3m Front Power Cable ×1**
- **5m Front-to-Rear Camera Cable ×1**
- **Front & Rear Spare Adhesive Pads ×1**
- **Front & Rear Electrostatic Stickers ×1**
- **Trim Removal Tool ×1**
- **Quick Start Guide ×1**

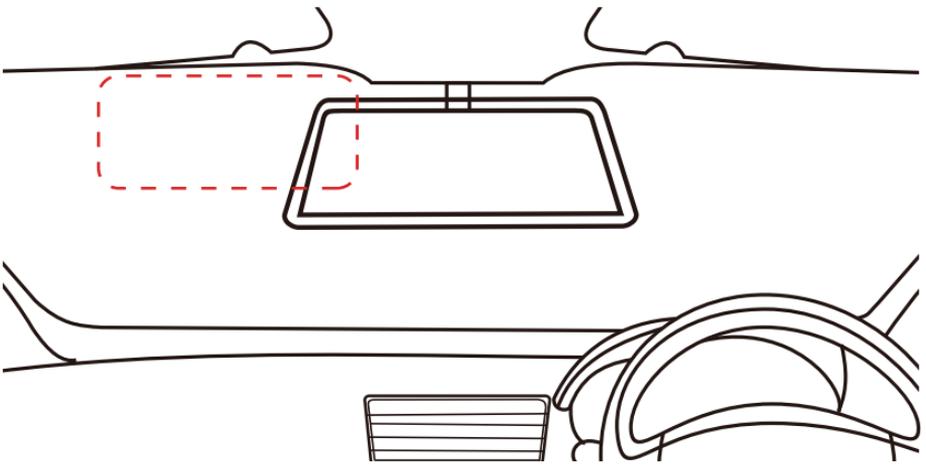
Hardwire Kit included (required for Parking Mode installation).

Indicator Guide

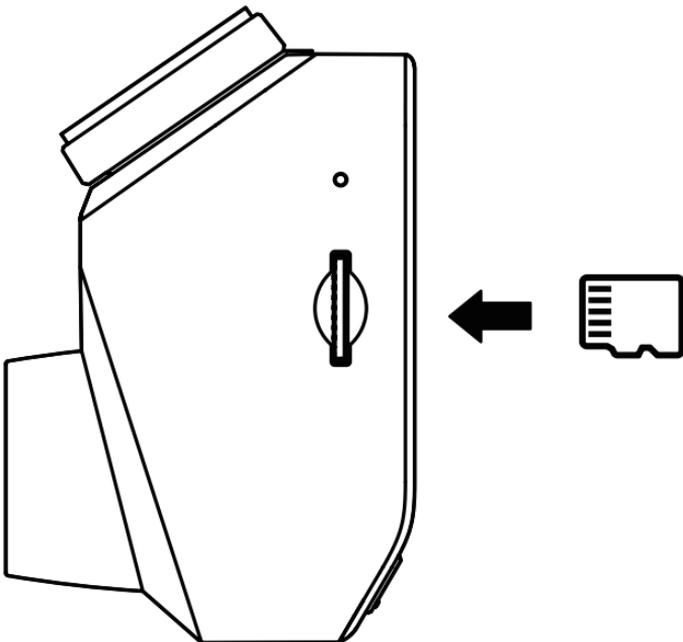
Indicator	System Status
Off	Normal Recording/Parking Monitoring (Sleep Mode)
Blinking Slowly in Red	Parking Monitoring (Time-lapse video/normal video)

Installation Instructions¹

Clean your windshield and attach the electrostatic sticker to the recommended area.

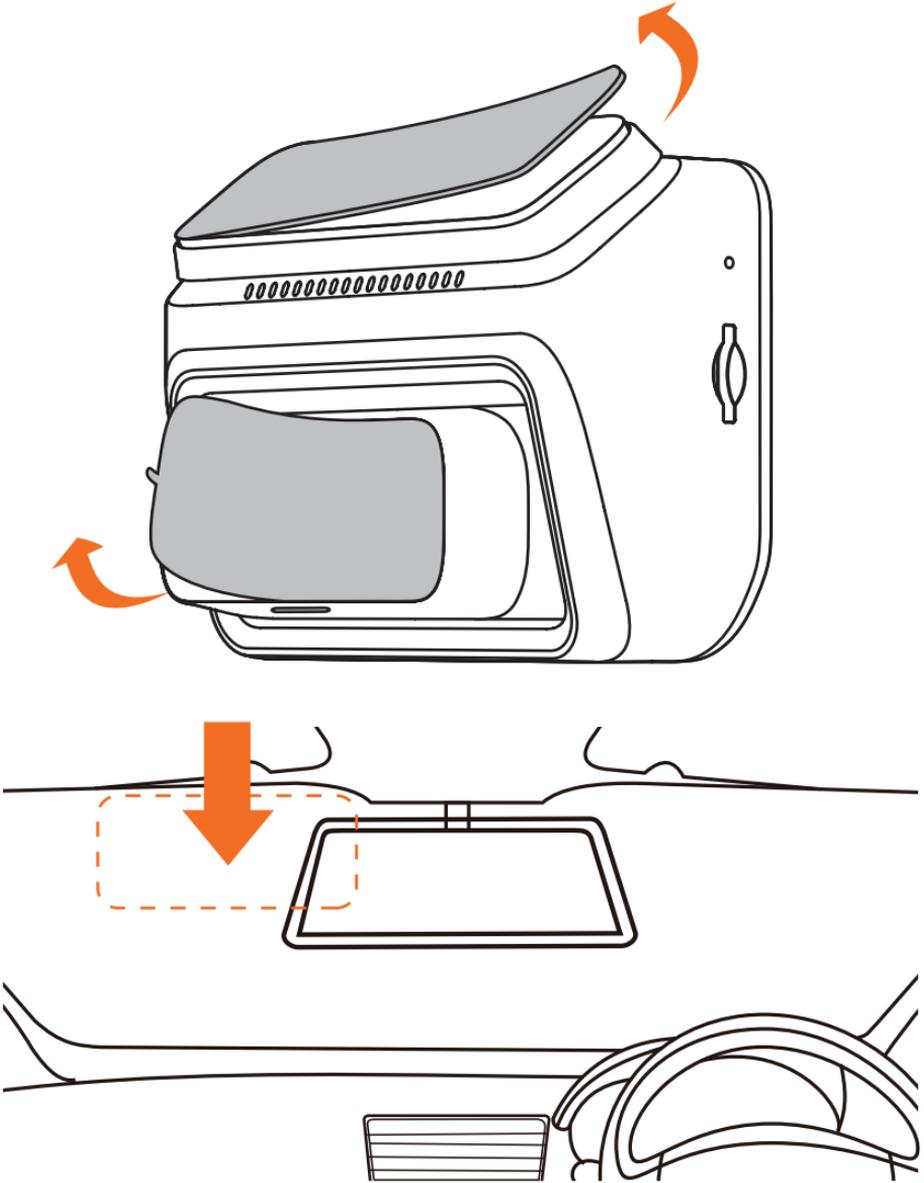


Insert the Micro-SD card into the card slot.

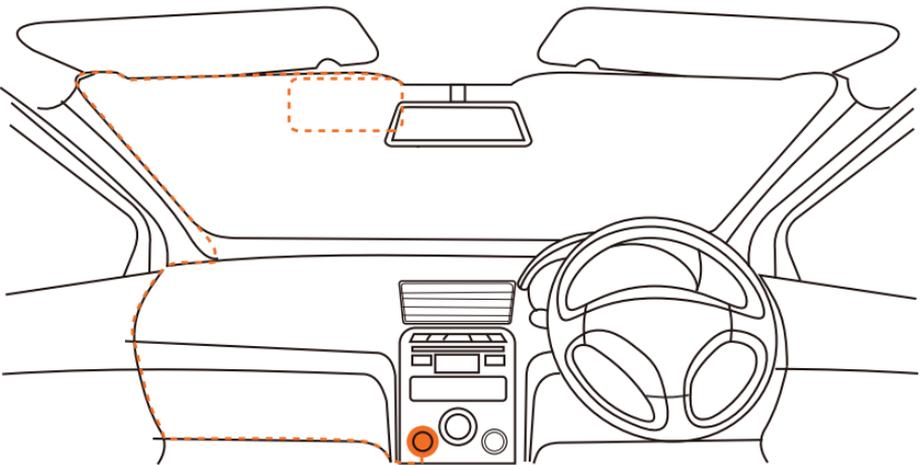


Installation Instructions²

Peel off the lens protective film, and tear off the 3M adhesive protective film, and stick the dash cam to the front windshield.

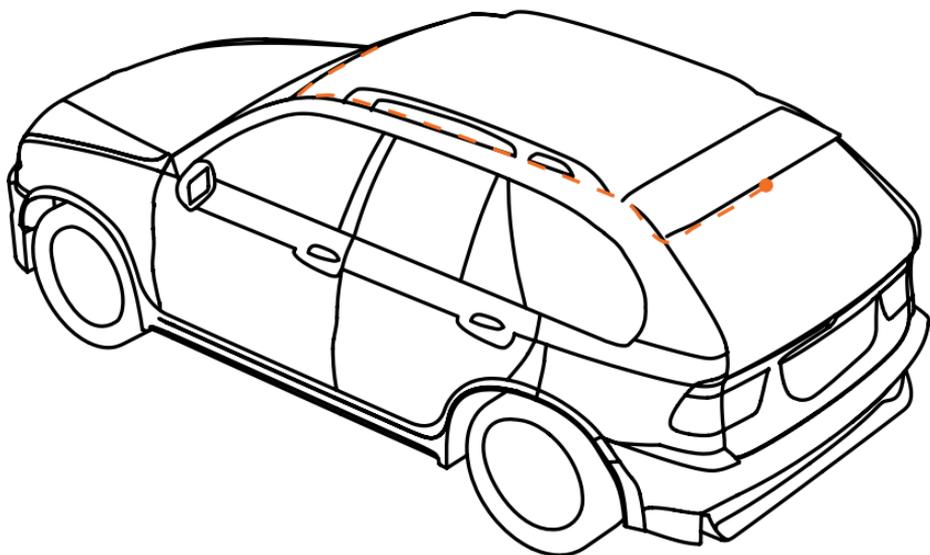


Route the power cord to the cigarette lighter and connect it to the power.

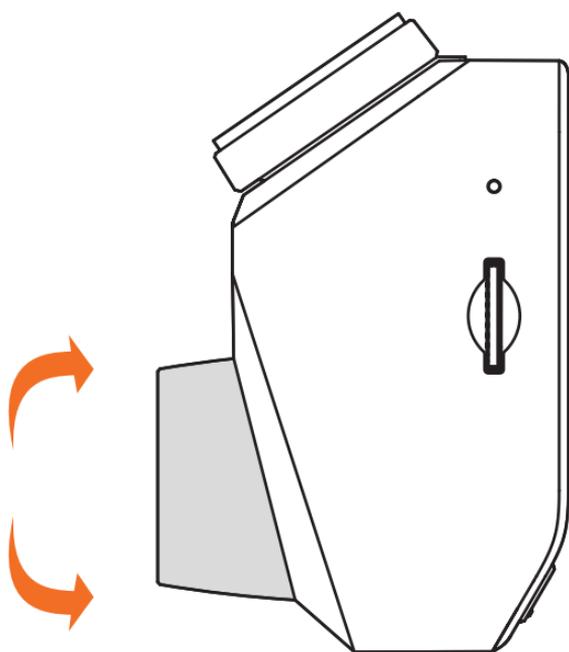


Installation Instructions³

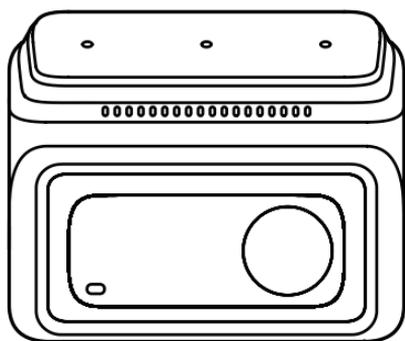
Connect the rear camera to the dash cam. Please refer to the diagram below for the specific wiring location.



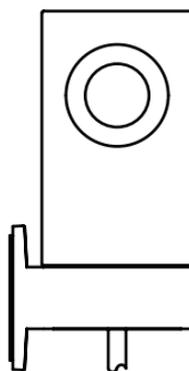
Start the vehicle, and adjust the camera angle based on the preview screen.



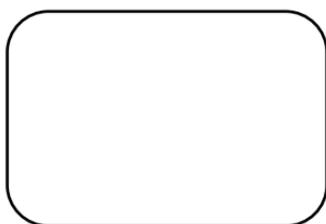
What's in the box



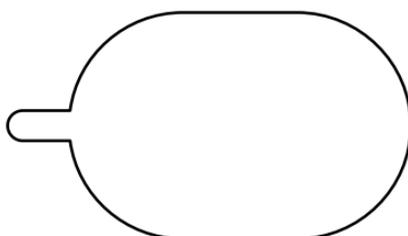
Dash Cam



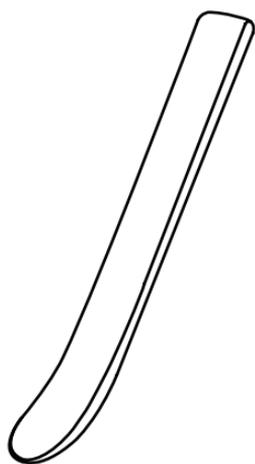
Rear Camera



3M Adhesive



Electrostatic Sticker



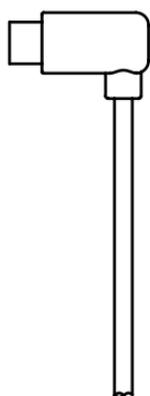
Trim Tool



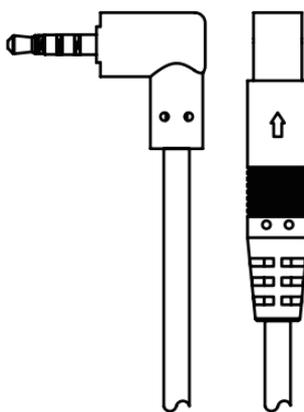
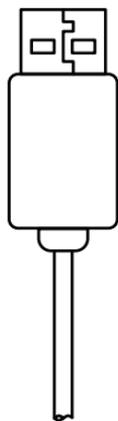
12V USB Adapter



Quick Start Guide



Power Cable



Rear Camera Power Cable

Firmware Updates

Check for firmware updates via the Halo Playback App to ensure your Halo dash cam has the latest features, security patches, and optimal performance. An update will only be performed if available.

Recording Modes

On first use, It is recommended that you set a recording preference for parking mode if your Halo is hardwired.

With 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.
- **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. As the footage is compressed, it uses less memory.

It is advised to use only Parking Mode OR time-lapse. **Do not have both turned on.**

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 to reset 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 shut down the Halo app and reconnect to the Wi-Fi hotspot. Temporarily turn off mobile data on your smartphone to avoid connectivity interruptions. Ensure Apple CarPlay or Android Auto is not connected at the same time, the infotainment system should be turned off to avoid connection interference.

Warranty & Support

- **Warranty Period:** 3 years from the date of purchase, covering full EU/UK warranty and repair services. Postage and other charges, such as Duties and taxes, are not included for any shipping to or from outside the 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 dash cam to extreme temperatures.
- **Handling and Storage:** Avoid exposing the camera to strong magnetic fields or harsh environments.
- **Read all instructions before using the dash cam.**
- **Do not disassemble the device. This will void all warranties.**
- **Use only the provided charger and official accessories.**

Additional Notes

- **Legal Compliance:** Ensure that the installation and use of this Dash camera complies 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:** 4K Ultra HD (2160p) recording with adjustable viewing angle.
- **Rear Camera:** 1080p Full HD recording with adjustable viewing angle.
- **Display:** 3" LCD screen for live view, playback, and settings control.
- **Viewing Angle:**
Front: 138° wide-angle lens **Rear:** 110° wide-angle lens
- **Image Sensor:** Sony Starvis 2 low-light sensor technology for enhanced night vision performance.
- **Storage:** Supports up to 512GB Class 10 U3 Micro SD card (recommended for 4K recording).
- **GPS:** Built-in GPS for speed and location data logging.
- **Wi-Fi:** Turbo 5GHz built-in Wi-Fi for smartphone app connectivity and footage downloads.
- **Parking Mode:** Intelligent parking protection with battery voltage monitoring and automatic power cut-off (Hardwire kit required).
- **G-Sensor:** Adjustable sensitivity for automatic incident detection and file protection.
- **Input:** 5V / 2A
- **Power Supply:** 12V/24V car charger (included) or compatible hardwire kits.
- **Dust & Water Resistance:** IPX2 rated.
- **Operating Temperature:** -20°C to +65°C

FAQ's

- **Q1. Does this camera come with an SD card?**
No, the SD card is not included. We recommend purchasing a high-endurance, automotive-grade SD card from Road Angel.
- **Q2. What is the maximum SD card capacity?**
The Halo Dashcam supports up to 256GB. Ensure you use a Class 10 U3 Micro SD card.
- **Q3. How do I pair my Dashcam with the app?**
Follow the Quick Start Guide and scan the QR code to download the "Halo App." Connect to the dash cam's hotspot using the default password 1234567890. You can then access the settings and footage. You can also change the password for extra security.
- **Q4. What is the warranty period?**
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

- **Q5. Do I need a hardwiring kit?**
Yes, if you want to use the 2-tier parking mode functionality. You'll need the HWK5VC hardwiring kit from Road Angel (sold separately).
- **Q6. Do I need to keep my smartphone connected to the Dashcam?**
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.
- **Q7. How can I restore factory settings on my Dashcam?**
You can restore factory settings through the Halo App or by pressing the power button five times.
- **Q8. Can I format the SD card?**
Yes, you can format the SD card within the Halo Playback App or on the on-screen display under the settings.
- **Q9. How do I format the SD card?**
You can format the SD card by pressing and holding the right button for up to 10 seconds.
- **Q10. Can the Dashcam drain my car battery?**
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. (11.6v)

Features & Functionality

- **Q11. My dashcam won't go into parking mode. What should I do?**

Parking mode only works with the HWK5VC hardwiring kit (sold separately). In the Halo App, you must select either "Parking Mode Dormant" or "Time Lapse," but both options must not be selected to avoid performance conflict. After 5-15 minutes of being stationary, the dashcam will enter parking mode.

- **Q12. My rear camera footage is mirrored or backward. How do I fix this?**

Sorry about that! You may have fitted the rear camera in the wrong orientation. Please connect to the Halo App and use the "Flip the image of the rear camera horizontally" 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

- **Q13. How long is the front-to-rear camera cable?**

The cable is 7 meters long, which should be sufficient for most vehicles.

- **Q14. Is a subscription required?**

No, there are no subscriptions required for all Pre 2026 Road Angel Dash cams.

- **Q15. How long is the main power cable?**

The front power cable is 3 meters long.