



G40 Economical Dashcam
Quick Start Guide

Legal Information

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement

 This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

 2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

 2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Note	Provides additional information to emphasize or supplement important points of the main text.
 Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Instructions

- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region. Please refer to technical specifications for detailed information.
- Input voltage should meet limited power source or PS2 requirements according to the IEC60950-1 or IEC 62368-1 standard. Please refer to technical specifications for detailed information.
- Do not connect several devices to one power adapter as adapter overload may cause overheating or a fire hazard.
- Please make sure that the plug is firmly connected to the power socket.
- If smoke, odor or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.

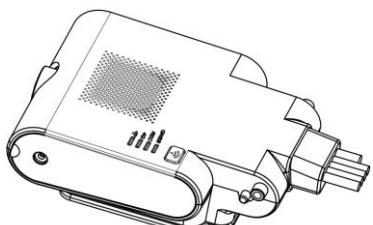
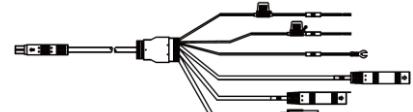
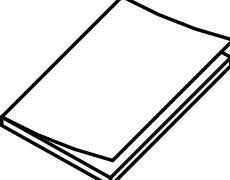
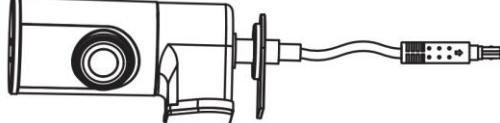
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Chapter 1 Package Check

Please check the package of the camera for damages. After opening the package, please check the whether all the items are complete according to the table shown bellow. If all items are complete, then devices are ready for installation.

Table 1-1 Packing List

No.	Picture	Name	Number
1		Dashcam	1
2		Cables	1
3		Screw	1
4		QSG	1
5		Mobile Camera (optional)	1



The mobile camera is optional, and the picture is for reference only.

Chapter 2 Production Introduction

2.1 Introduction

This product is a video and audio intelligent monitoring product for vehicle. It uses advanced image acquisition technology, high-definition video recording technology, high-fidelity recording technology and high-precision positioning technology to record the front vision of the vehicle, synchronize the video and audio in the vehicle and apply the vehicle positioning business. It uses the algorithm function of intelligent AI to supervise the driver's driving behavior, which ensures the service quality and protects the legitimate rights and interests of drivers and passengers. The equipment features intensive functions, excellent performance, stability, small size, low power consumption and easy installation and maintenance. The product can be widely applied to vehicles such as ride-hailing car, taxi, official car and other industries to meet the demand of video recording and positioning.

2.2 Features

- Video: 1080P HD camera, 127° horizontally and 73° vertically;
- Audio: microphone voice acquisition (voice intercom support), loudspeaker audio output;
- Satellite positioning: the module supports GPS/BD and OSD superposition of information videos such as time and speed;
- Wireless communication: Built-in Wi-Fi module, supporting Wi-Fi hotspots, connected to mobile APP;
- 4G communication: support 4G module, domestic full Netcom, Micro SIM card slot;
- Video storage: 2 TF cards are supported, with each card supporting up to 256 GB loop video recording;
- Mobile phone APP: supports real-time video viewing, video playback and parameter setting, etc.
- Support real-time upload of video, latitude, longitude and speed and other information;
- Support video playback;
- G-sensor: built-in six-axis gyroscope sensor, which can start emergency video when the vehicle collides or vibrates violently, and the emergency video can be backed up and locked;
- One-button alarm: 2-way wired alarm is supported;
- 2-way camera input; Support 720P TVI camera, infrared/waterproof camera customizable;
- Smart function: Support lightweight ADAS reminder, support driver face comparison, and support driver driving behavior analysis (DBA)(AI version);
- Easy installation, simple operation, plug-in recording, automatic recording after power-on;
- Low power consumption, environmental protection and high performance.

2.3 Overview of the Dashcam

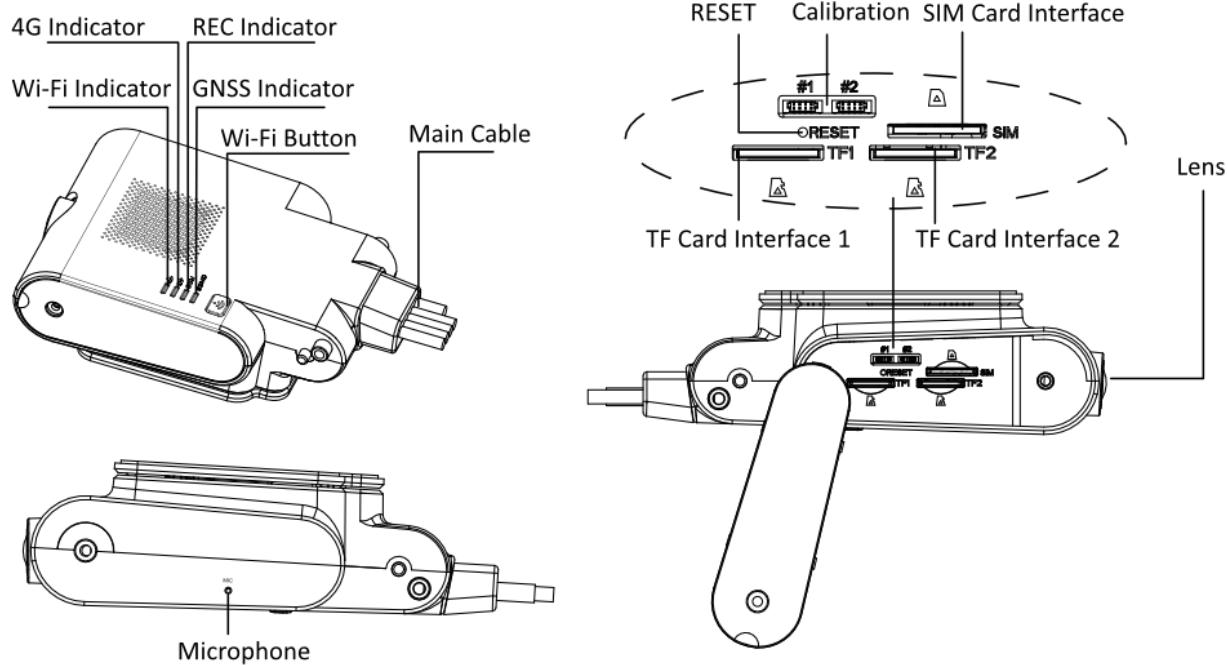


Figure 2-1 Overview

Note

Press Wi-Fi button to enable Wi-Fi AP.

When the dashcam is on, press shortly the RESET button with a solid insulator to restart the device. Press and hold for 5 seconds to restore to the default setting.

Refer to the following table for the meaning of indicators.

Table 2-1 Indicator Status and Meaning

Indicator	Status	Meaning
Wi-Fi Status Indicator	Constant	APP connected to the device
	Flickering	Wi-Fi AP on
	Off	Wi-Fi AP off
4G Status Indicator	Constant	4G signal and platform connection normal
	Flickering	4G signal normal but platform disconnected
	Off	No 4G signal
REC Status Indicator	Constant	Recording normal
	Flickering	Recording error, TF card to be checked
GNSS Status Indicator	Constant	Positioning normal
	Flickering	No positioning signal

2.4 Wiring

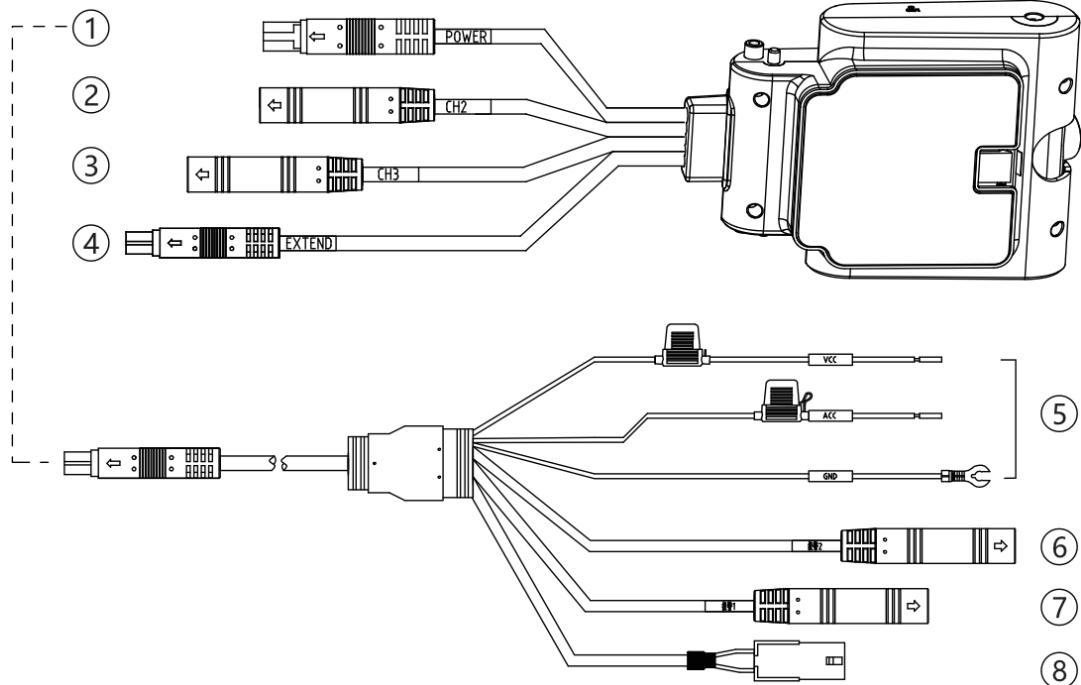


Figure 2-2 Wiring

Main cable explanation:

① Power interface: 8pin BMV plug pin end, connected to ④.

- ② CH2: 4 pin BMV plug male terminal, connected to 4pin BMV plug camera.
- ③ CH3: 4 pin BMV plug male terminal, connected to 4pin BMV plug camera.
- ④ Extension interface: 8pin BMV female terminal; connectable to extension cable to realize USB, analog video, RS232 functions.

Power cord explanation:

- ⑤ Power cable: connect ACC to the power of the vehicle and VCC to the positive end of the cable, GND to the ground.
- ⑥ Alarm 2: to be connected to the emergency alarm button. Press this button and the alarm signal and pictures will be uploaded to the platform connected.
- ⑦ Alarm 1: same as alarm2.
- ⑧ RS232: Serial port.

2.5 Overview of the Camera

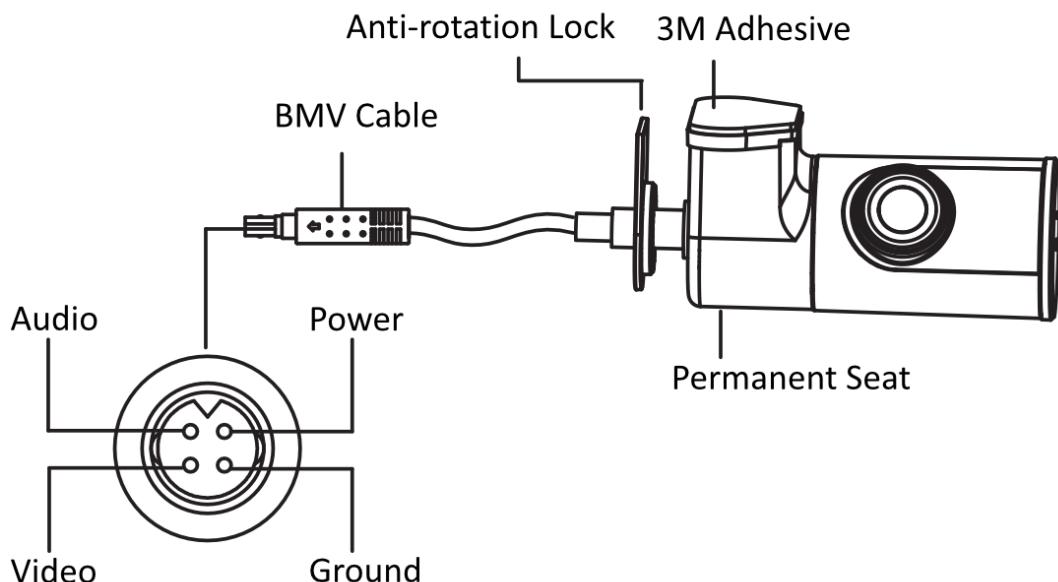


Figure 2-3 Camera Overview

Chapter 3 Installation

3.1 Install the TF Card and SIM Card

The TF card is to for storing the recordings and the SIM card for connecting to 3G/4G network. The installation method of them are the same.



The dashcam records videos in a loop. When the TF card storage is used up, then later recordings will cover previous recordings. Please backup the recordings after an accident or other important events.

Step 1 Open the cover with the bump of the cover.

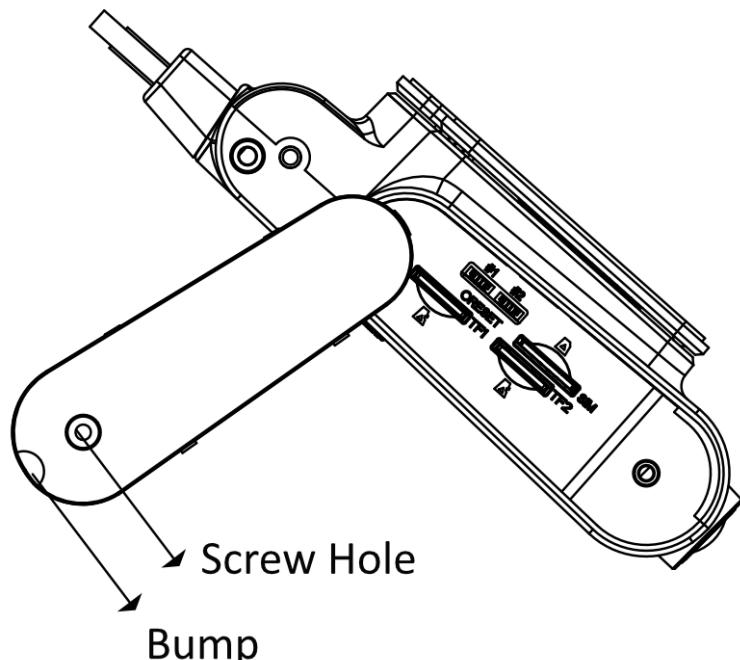


Figure 3-1 Open the Cover

Step 2 Put the TF card into either TF1 or TF2 slot until hearing a click sound.

Step 3 Put on the cover and tighten the screw on the screw hole.



The recording will start once the TF card is installed. Contact the sales for specialized app to set up recording parameters and management.

3.2 Install the Dashcam

The dashcam can be installed on the front car windshield as shown in the following.

Step 1 Clean the windshield and make sure that the surface is dust free.

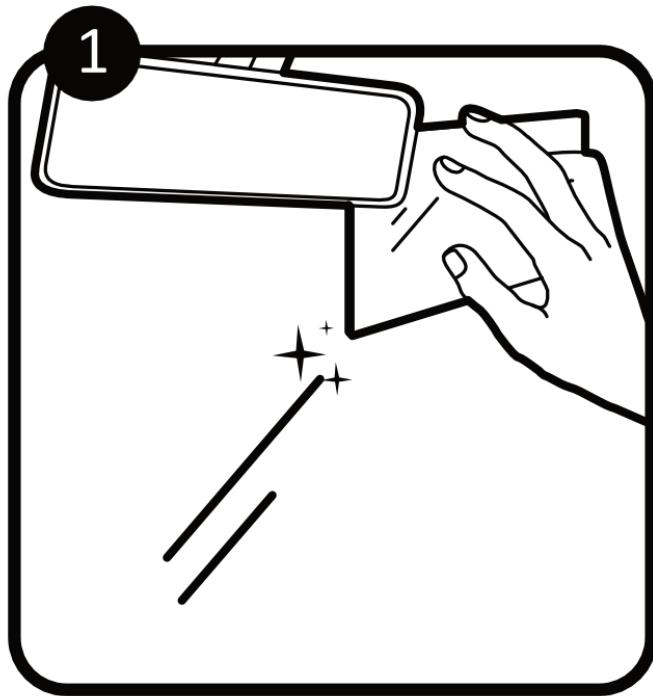


Figure 3-2 Clean the Windshield

Step 2 Tear off the 3M release paper and install the device; connect it to power cord and wire the device as shown bellow.

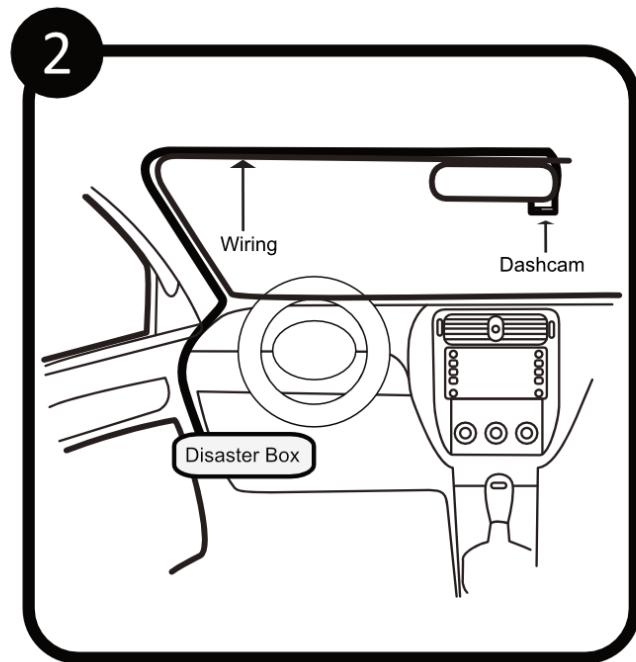


Figure 3-3 Install the Device

Step 3 Connect the cables: ACC to the vehicle ACC, VCC to the positive of the vehicle power, GND to the ground.

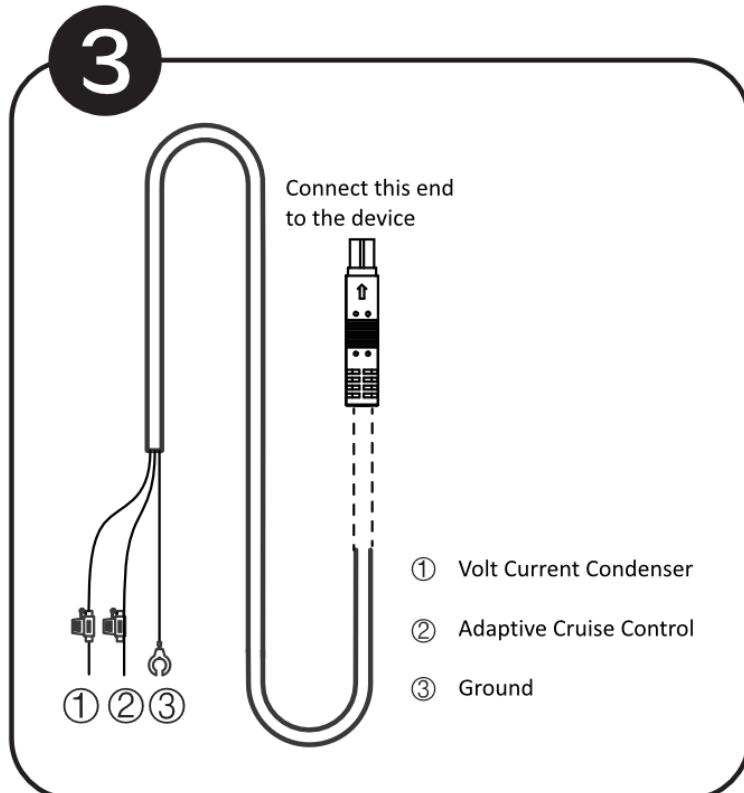


Figure 3-4 Connect the Cables

Step 4 Adjust the camera to the proper angle and fix the camera angle by tightening the fixing screw.

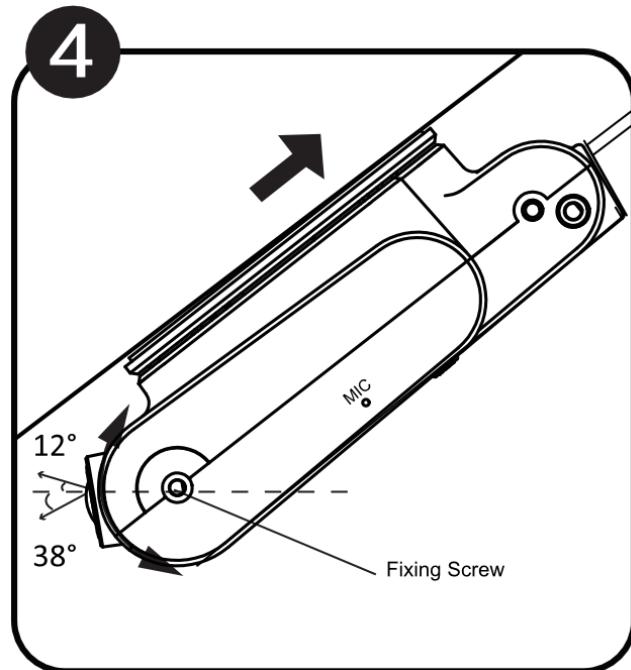


Figure 3-5 Adjust the Angle

3.3 Install Mobile Camera

The camera can be installed on the inside of the front windshield as shown in the follows.

Step 1 Clean the windshield and make sure that the surface is dust free.

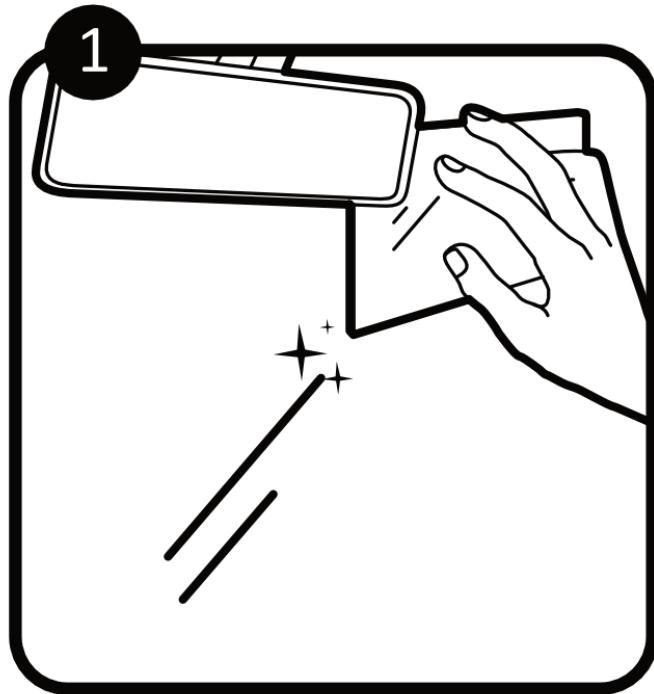


Figure 3-6 Clean the Windshield

Step 1 Tear off the 3M release paper and install the device; connect it to power cord and wire the device as shown above.

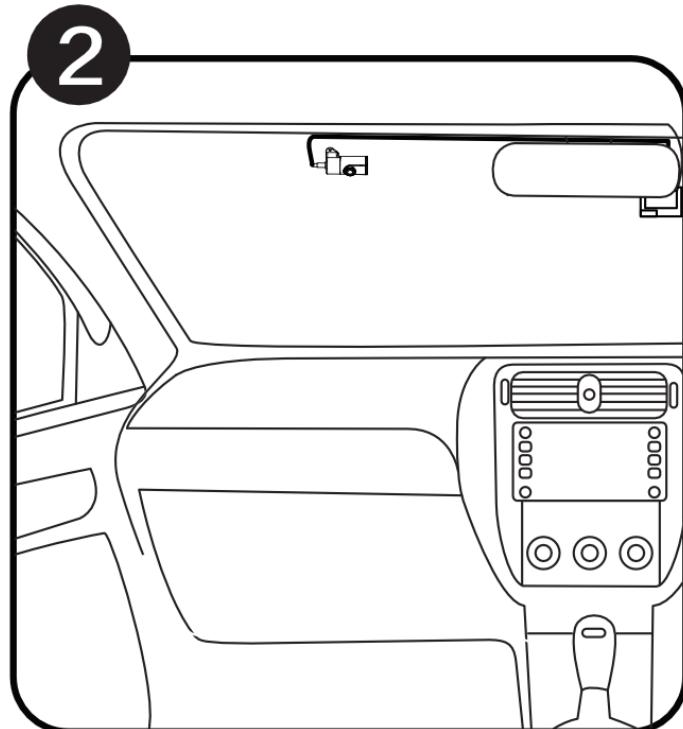


Figure 3-7 Install the mobile Camera

Step 3 After fixing the camera, rotate the camera to the proper angle. Aim the anti-rotation lock to the camera fixing gap. Check the angle again. When the angle is correct, then tear off the anti-rotation sticker.

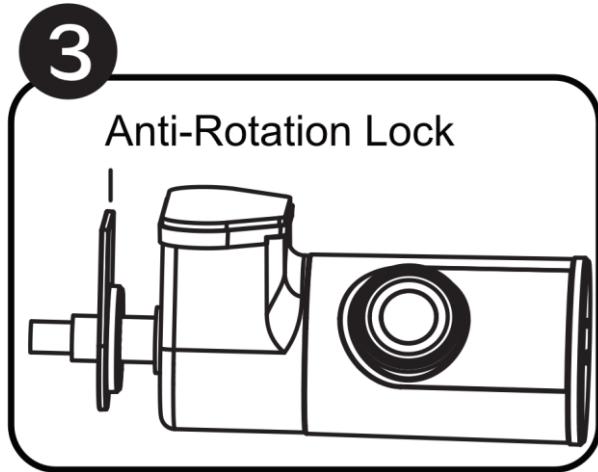


Figure 3-8 Adjust the Camera Angle



After installation, the dismantlement of the camera should be under the guide of professionals to damage to the camera.

Chapter 4 FAQ

4.1 The Dashcam Cannot Start up

- Check whether the power supply is in accordance with the requirement of the power parameter of the dashcam.
- Check whether the connection is normal.
- Check the vehicle power supply.

4.2 The Dashcam Cannot Record Videos

- Check whether the TF card is installed.
- Check whether the TF card is damaged.
- Check whether the TF card has been formatted. If not, format it by connecting to the mobile app.

4.3 Recordings are Blur

- Check whether the protective film of the lens has been removed.
- Check whether the lens is stained.



See Far, Go Further

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