JC261 Series

4G Dashcam

User Manual V1.7

Please read this manual carefully prior to use. The content of this manual may change due to improvement in performance without prior notice.

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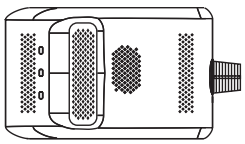
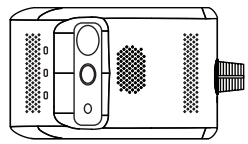
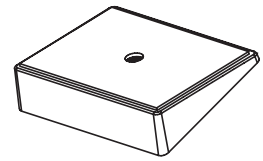
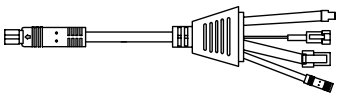
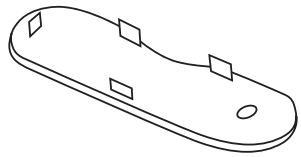
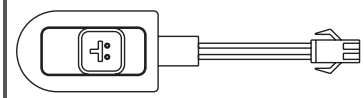
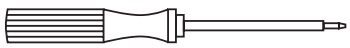
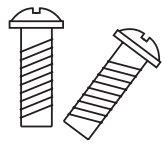
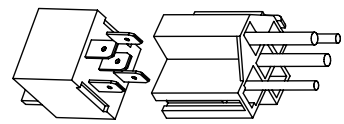
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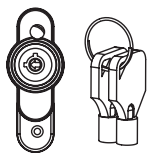
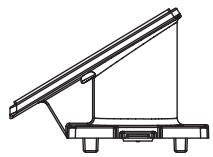
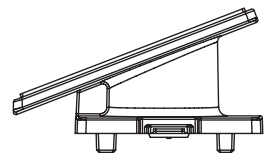
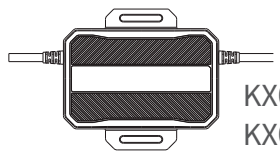
Introduction

1.1 Packing List

Standard

 JC261	 JC261P	 Bracket (for sedans)
 Power bundle	 Tamper cover	 External SOS key
 Philips screwdriver	 Screws	 Relay

Optional

 Tamper lock	 Bracket (for heavy-duty trucks)	 Bracket (for medium-duty trucks)
 Simple Version Power Cable	 Power Bank	KX001:BMW-style connector KX001_4L:M8 self-locking connector

・Please check the product model you purchased carefully as the packing list varies with the model.

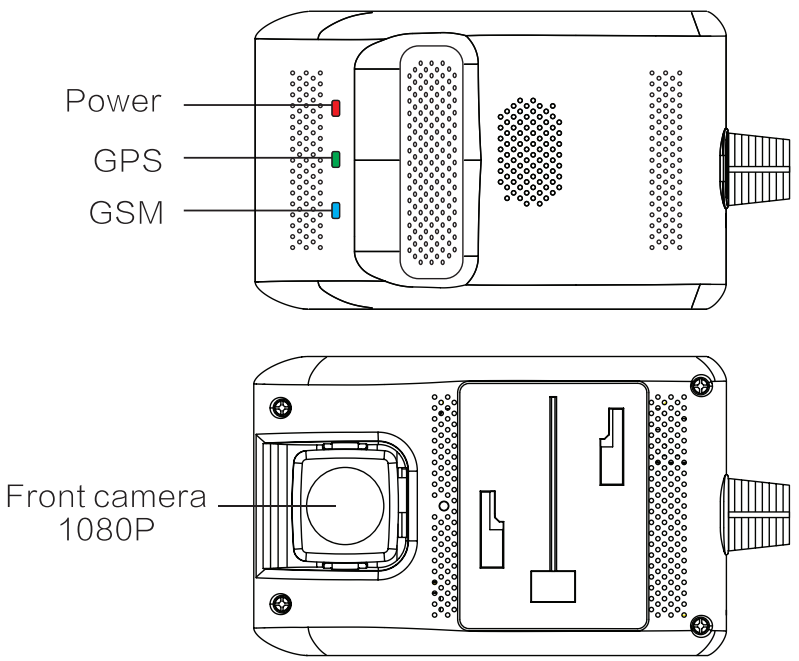
1.2 Overview

• JC261 series uses 4G network for communication. For these dual-channel digital video recorders (DVRs), except to be able to record simultaneously, the two cameras can also record locally and live stream remotely at the same time. A number of safety features are included in the system, including DMS, ADAS, exception alerts, and more.

• Furthermore, the 4G capability of the device enables seamless video streaming, live audio alerts, rapid data upload, route replay, and video history playback. With all of these features, fleet managers can coach drivers based on data and improve operations to unlock more benefits, whether they’ re managing government, logistics, ride-hailing, or taxi fleets.

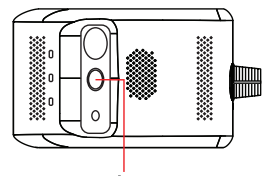
1.3 Appearance and LEDs

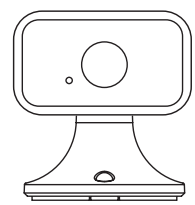
1.3.1 Main Unit

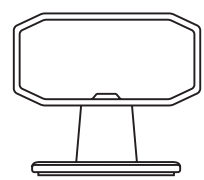


Product Model	JC261 main unit
Camera	1920x1080/25FPS/F 2.2/Full color

1.3.2 Subcamera Options

Product Model	JC261P	Integrated Version
Camera	1280x720/15FPS/F2.5/Full color in daytime and monochrome in dim light	
Usage	Monitor the cabin	Inward camera

Product Model	JC261	Remote Cabin-view Version
Camera	1280x720/15FPS/F2.0/ Full color in daytime and monochrome in dim light	
Usage	Monitor the cabin	

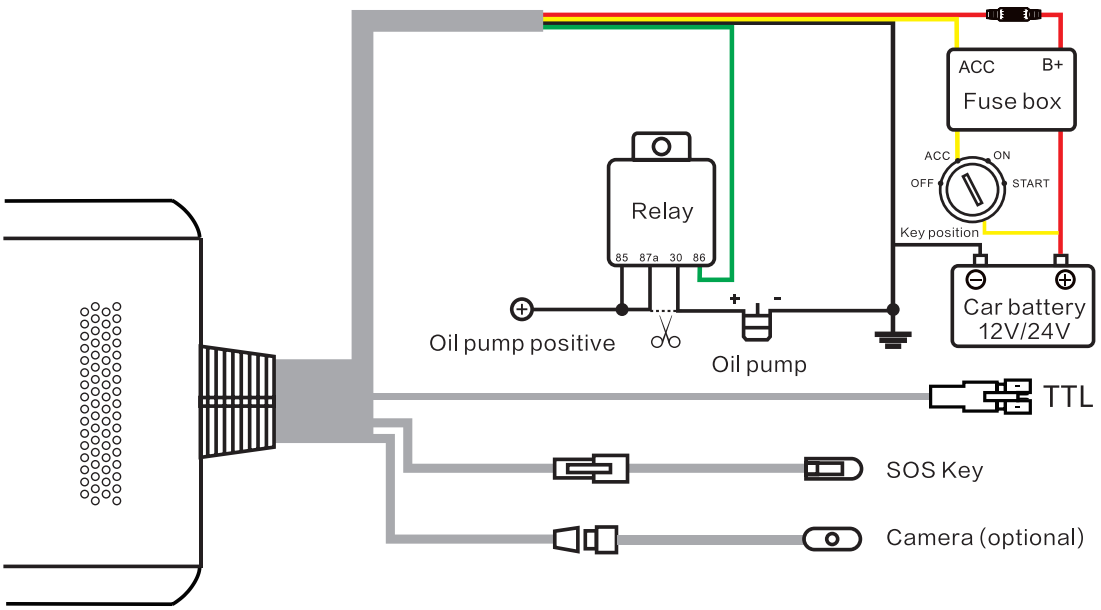
Product Model	JC261	JC170 DMS Camera
Camera	1280x720/10FPS/ monochrome all day	
Usage	Monitor the Driver	

- Refer to the specifications and features of the product model you purchased. If you have any questions, please contact your supplier.

1.3.3 LEDs

LED	Color	Connotación	Estatus
Power	Red	Solid on	Device power on
		On for 0.5s and off for 10s	Device in sleep mode
		On for 1s and off for 1s	No TF card detected or TF card damaged
		Off	No power connected
Network	Bule	Solid on	Connection to server succeeded
		On for 5s and off for 1s	GSM and GPRS networks are available, but connection to server failed
		On for 1s and off for 1s	Only GSM network is available
		Off	GSM network is unavailable
GNSS	Green	Solid on	Located
		On for 1s and off for 1s	Device is locating/unlocated

1.4 Wirings



Cable	Definition	Color	Usage
Power	B+	Red	To battery positive (9-30V), power input
	GND	Black	To battery negative, power input
	ACC	Yellow	To ACC ON/Positive (9~30V), power input
	Relay	Green	To relay for remote power and fuel cutoff
TTL (optional)	I/O	/	To peripherals, such as oil sensor, card reader, etc.
SOS	SOS	/	To the external SOS key
Camera (optional)	Remote camera	/	Monitor the cabin JC261P can not use this wire

Specifications and Features

2.1 Specifications

Category	Item	Parameter	Remarks
Hardware	Memory	1GB+16GB	/
	Standard version	4G	FDD: B1/B3/B5/B7/B8/B19/B20 TDD: B38/B39/B40/B41(100M)
		3G	WCDMA: B1/B2/B5/B8
		2G	GSM: 850/900/1800/1900
	American Version	4G	FDD: B2/B3/B4/B5/B7/B12/B17 TDD: B38/B41(100M)
		3G	WCDMA: B2/B4/B5
		2G	GSM: 850/1800/1900
	WiFi	2.4GHz	802.11/b/g/n
	GNSS	Support	GPS/BDS
	Microphone	Support	For remote voice communication
	Speaker	Support	To notify drivers of status or events
Interface/ Key	Reset key	Support	On the main unit
	Interface	Micro USB	For commissioning and upgrade
Others	Power supply	Fuse box	B+/ACC/GND
	Supply voltage	DC 9-30V	/
	Operating temperature	-20°C ~ 65°C	/

2.2 Features

No.	Feature	Description
1	Video recording	This enables the device to record in loop when the vehicle is moving.
2	Live video	This enables the device to live stream images captured by cameras via the LTE network to the platform (web or app).
3	Tracking	This enables the device to upload location data and motion information via the mobile network to the platform for analysis.
4	Event alert	This enables the device to upload alert messages and video files to the platform when an event is triggered by collision, vibration, dangerous driving behavior, emergency, DMS reminder, speeding, etc.
5	SOS call	This enables the driver to notify the platform at the earliest time possible, make a call, and activate video recording when an emergency occurs.
6	Remote control	This enables the user to deliver a lock command to the device via the platform (web or app) to remotely cutoff the fuel and power to the vehicle when an exception occurs.

Note:
For details about features, refer to the operation guide.

Installation

Precautions:

- Use accessories specified by the manufacturer only.
- The standard supply for the device is DC9-30V, please use the original power cable and ensure that the positive and negative ends are correctly wired.
- Remove the protective film on the remote camera prior to installation.
- It is recommended to ask a distributor, a designated business, or an expert to do the installation and commissioning.

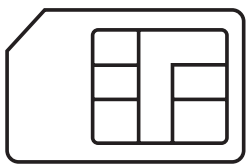
3.1 Preparation

Device check

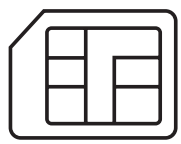
- Check visually whether the device is in good condition and whether the relevant accessories are complete.

3.2 SIM Card Attachment

- Ensure that the device is ACC OFF before attaching a proper SIM card. In addition, the SIM should have data service activated and not in arrears.

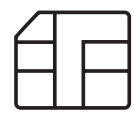


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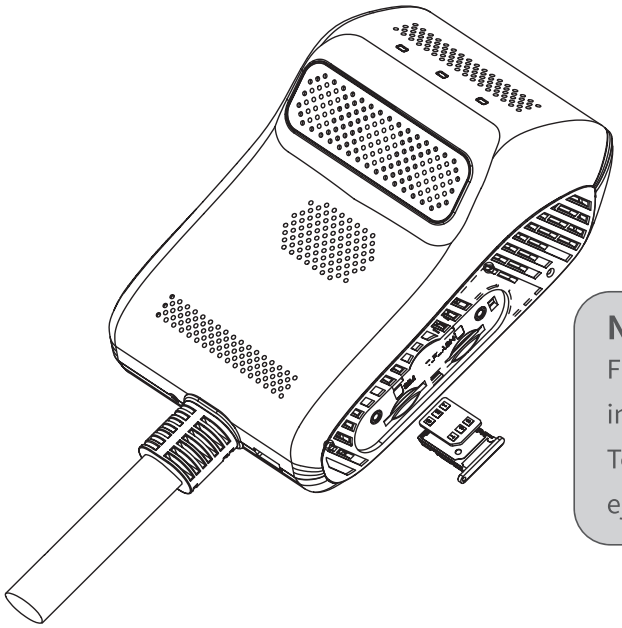
Micro

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Nano

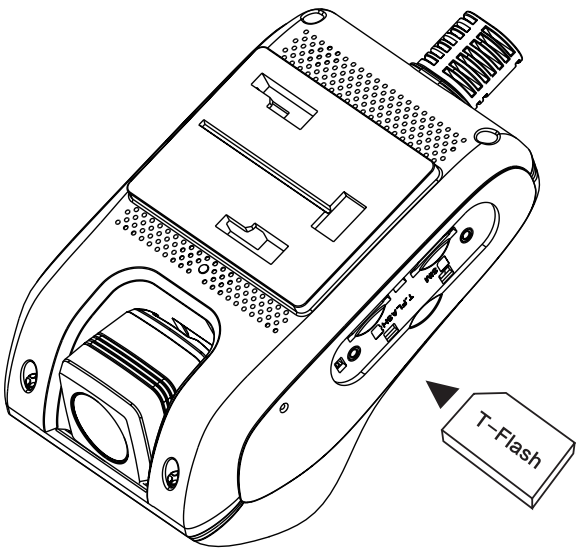
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Note:
Fit the Nano-SIM into the tray and insert them into the SIM slot.
To remove the card tray, use the ejector tool.

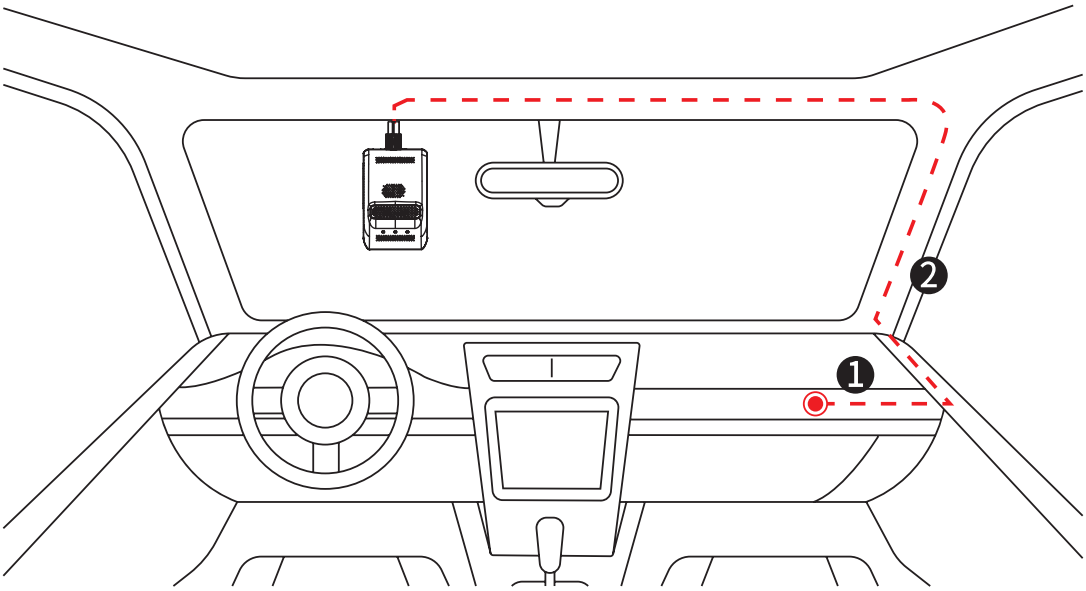
3.3 TF Card Attachment

・Ensure that the device is ACC OFF before attaching a proper TF card.

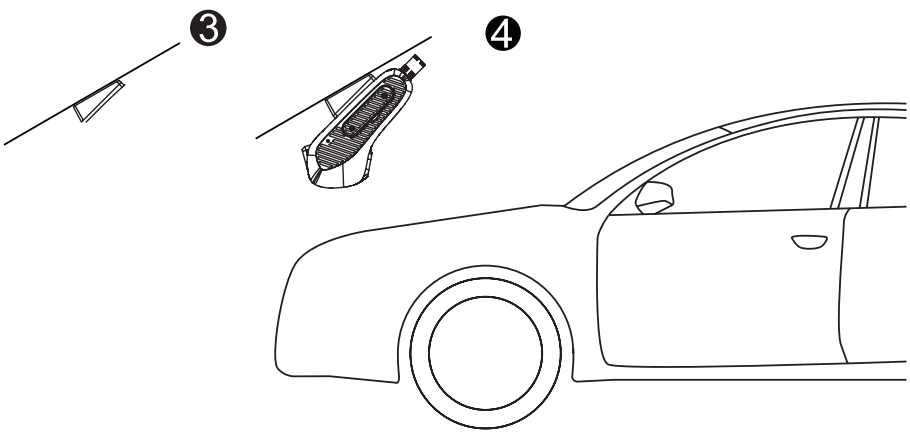


Note:
1.Use a TF card in speed class 10 or higher and with a capacity of 32GB or above.
2 The TF card is recommended to change every half a year to ensure the recording performance of the device.
3.Mount the tamper cover after the attachment.
Fit the TF card in the correct slot.

3.4 Main Unit Installation



- Connect the power cable of the device to B+, ACC, and GND of the fuse box on the vehicle. ① is a reference position.
- Route the power cable along the A pillar of the vehicle to the upper center of the front windshield. The red dashed line (②) in the figure is for reference.

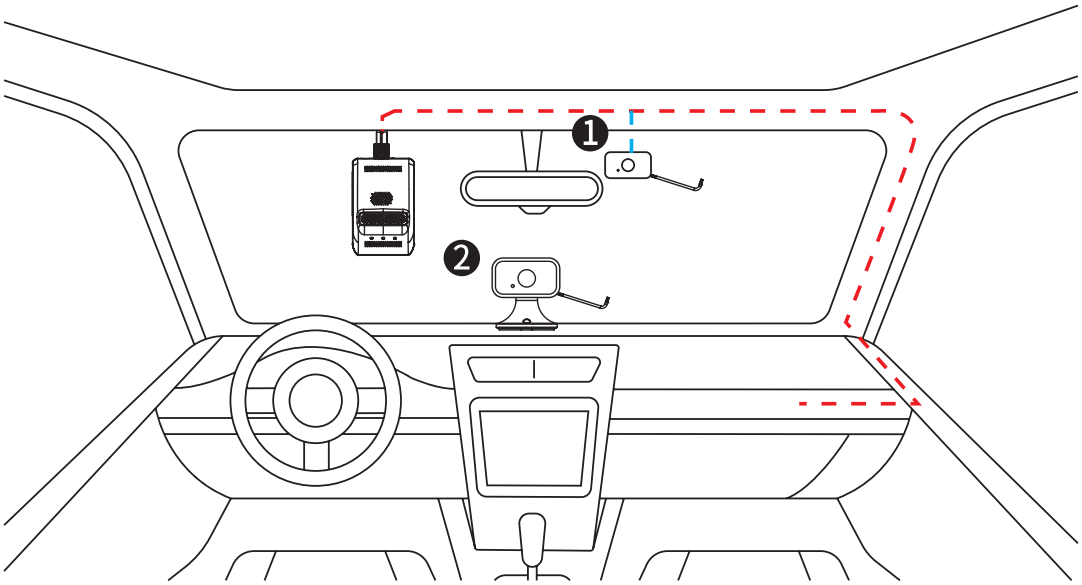


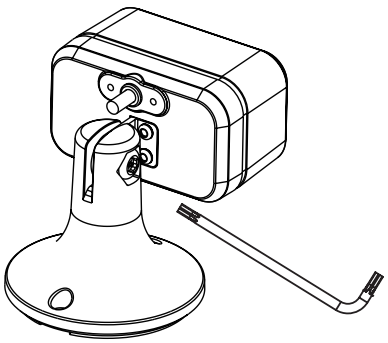
- Select a proper installation position and wipe the position clean. Remove the protective film from the 3M tape of the mounting base and attach it to the position. Wait for 2 hours before proceeding to the next step. See ③ for reference.
- Mount the device to the base and connect its power cable correctly (see ④ for reference). Then fasten the cable securely.

3.5 Installation of Accessories

- You can select a proper position to install the remote camera according to actual conditions.

3.5.1 Remote AHD Camera

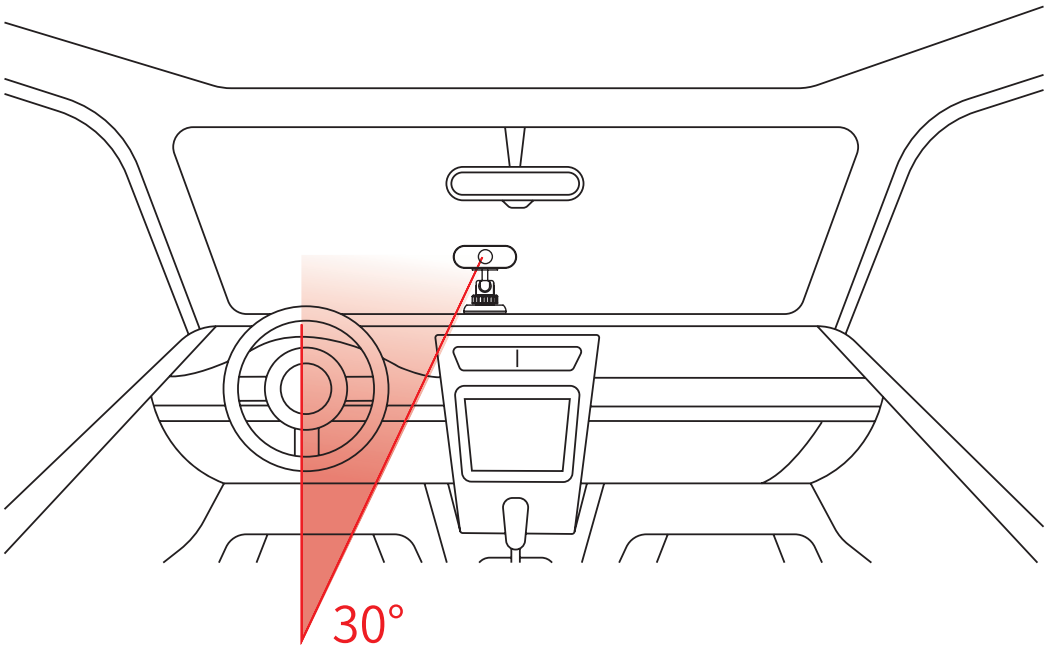




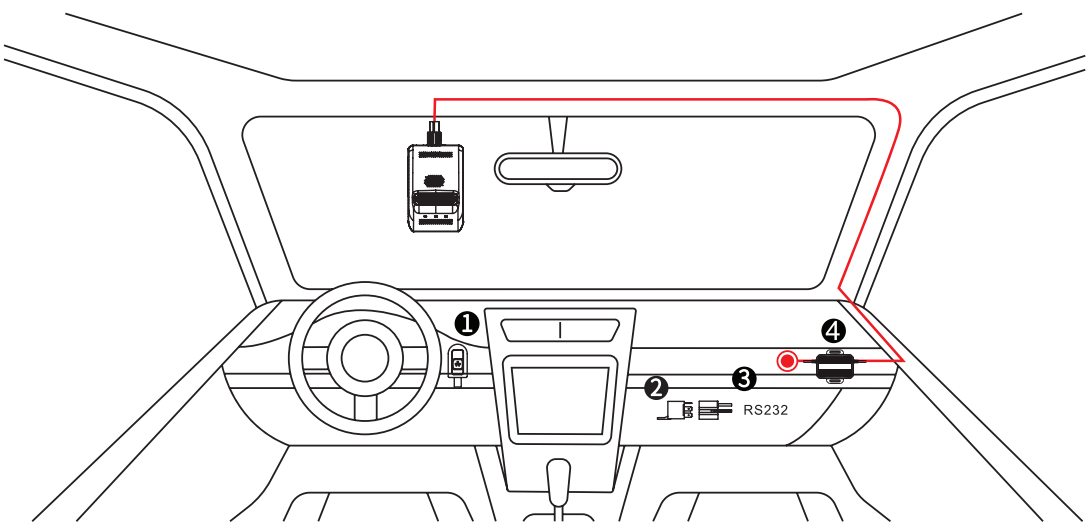
- Face the camera inward and install it to the windshield behind the rear-view mirror (as shown in ①) or to the middle of the dashboard (as shown in ②). Wipe a selected position clean, remove the protective film from the 3M tape, and attach the device.
- Use the supplied screwdriver to tighten the screw of the camera, so it keeps at the best angle. Connect the cables correctly and fasten them securely.

3.5.2 JC170 DMS Camera

- The DMS camera is mainly used for monitoring the driver. Fixate the camera at an angle about 30° to the steering wheel directly facing the driver's head, as the following figure shows.



3.5.3 Other Accessories



- SOS key

  It is used to seek help in emergencies. Connect the SOS key to the corresponding interface on the device, remove the protective film from the 3M tape, and then attach it to a proper position (such as ① in the above figure).

- Relay

  It is used to cut off the power and fuel of the vehicle remotely to force it to stop. Connect it to the corresponding interface on the device and place it in a proper position, such as ② in the above figure. For wiring details, see 1.4.

- TTL

  It is used to connect to an external device for function expansion when a scenario requires a feature that cannot be offered by the device. ③ is a reference installation position.

- Power Bank

  It is used to provide backup power to the DVR. When the vehicle power is cut off due to a collision, low battery, or other reasons, it can continue to supply power to the DVR according to configured commands, ensuring uninterrupted recording and normal operation.

  To use it as a backup power source, please connect the power bank to the power cable, with ④ indicating the reference position.

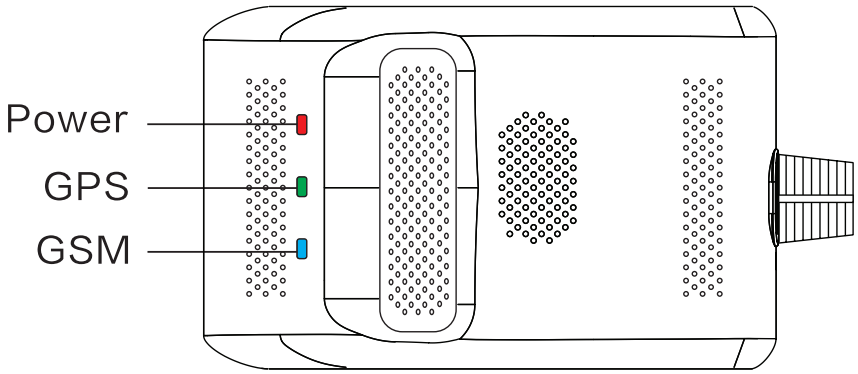
  Please make sure the power bank connector type matches your DVR power cable.

Note:

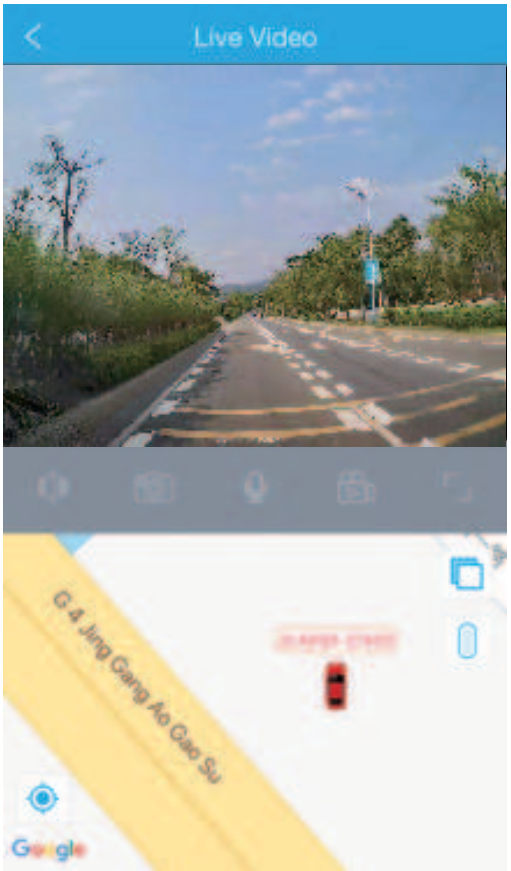
1. Choose proper accessories based on your actual needs.
2. Select a relay that goes perfectly with the battery of your vehicle.
3. It is recommended to ask a distributor, a designated business, or an expert to do the installation and commissioning.

3.6 Commissioning

- Check the LED, see 1.3.3 for reference.



- Check the camera: The camera works correctly if you can view the live video of the camera and switch between the two cameras after logging in to the platform. You can also manually adjust the camera according to your needs.



Platform Operations

4.1 Installation

4.1.1 Platform

- Scan the QR code on the right with the browser of your mobile phone to download and install the app.

4.1.1 Configuration Tool

- Scan the QR code on the right with the browser of your mobile phone to download and install the Configuration Tool. This app is used for feature calibration ADAS & DMS and only compatible with mobiles with Android OS.

4.2 Operation Guide

- Scan the QR code on the right with the browser of your mobile phone to view relevant operations.

FCC Compliance Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this devicemay not cause harmful interference, and (2) this device must accept any interference received, including interferencethat may cause undesired operation.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user'sauthority to operate the equipment.

Note: This equioment has beentested and found to comoly with the limits for a Class B dieital device. pursuant to Part15 of the FCc Rules These imits are desipned to provide reasonable protection apainst harmful interference in aresidential installation. This equipment generates, uses and can radiate radio frequency enerev and, if not installed anoused in accordance with the instructions, may cause harmfulinterference to radio communications. However, there isno guarantee that interference will not occur in a particular installation..If this equipment does cause harmful interference to radio or television reception, which can be determined by turningthe equipment oft and on, the user is encouraged to try to correct the interference by one or more of the folowinemeasures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/Ty technician for help.

RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmittemust not be co-located or operatine in coniunction with any other antenna or transmitter.

This eouioment should be instaed and operated with minimum distance 20cm between the radiator and vour body.

Personal data collected by the device:

■ Device information. Data that can be used to identify your device (such as device IMEI).

■ Contact information. Phone numbers (including ICCID, IMSI) stored on the device.

■ Location information. GNSS latitude and longitude, LBS base station and WiFi information.

■ Log data. This includes the above personal data as well as device operation logs.

1. Device log data: includes device operation logs, device information, location information, phone number and other parameter information.

2. Use of log data: We will collect necessary information to support our services, and the collected data may be used for fault diagnosis and product or service improvement.

3. You can choose not to provide the personal data when we request that you provide it. However, if you choose not to provide it, in many cases, we will not be able to provide you with our products or after-sales services, or respond to any requests you may make.

4. If you wish to request the deletion of your personal data, please consult the device manual or contact your service provider.