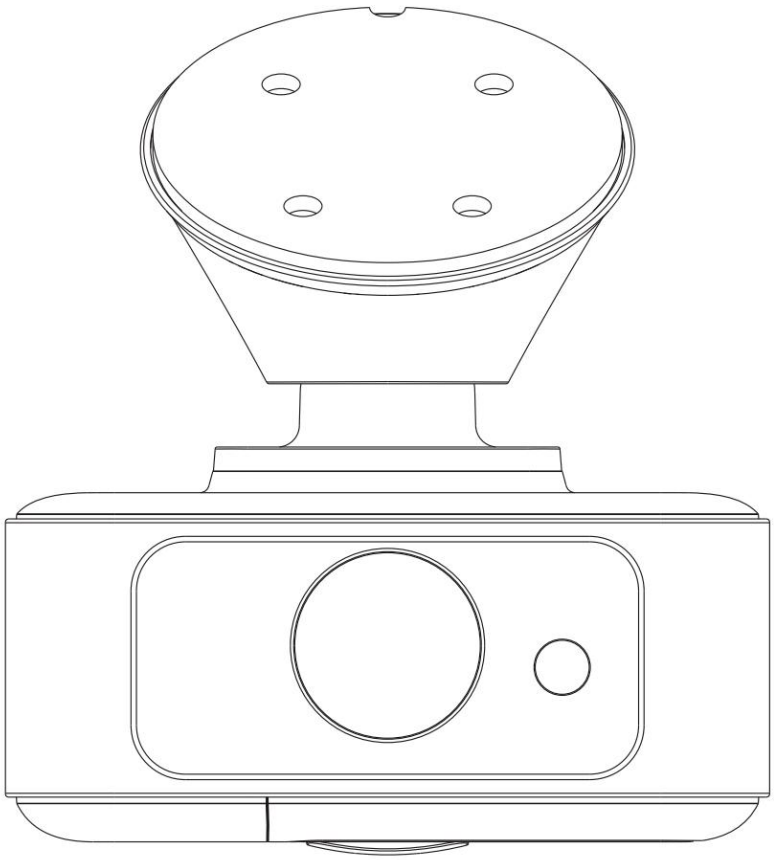
JC182 Series

4G Dashcam Lite

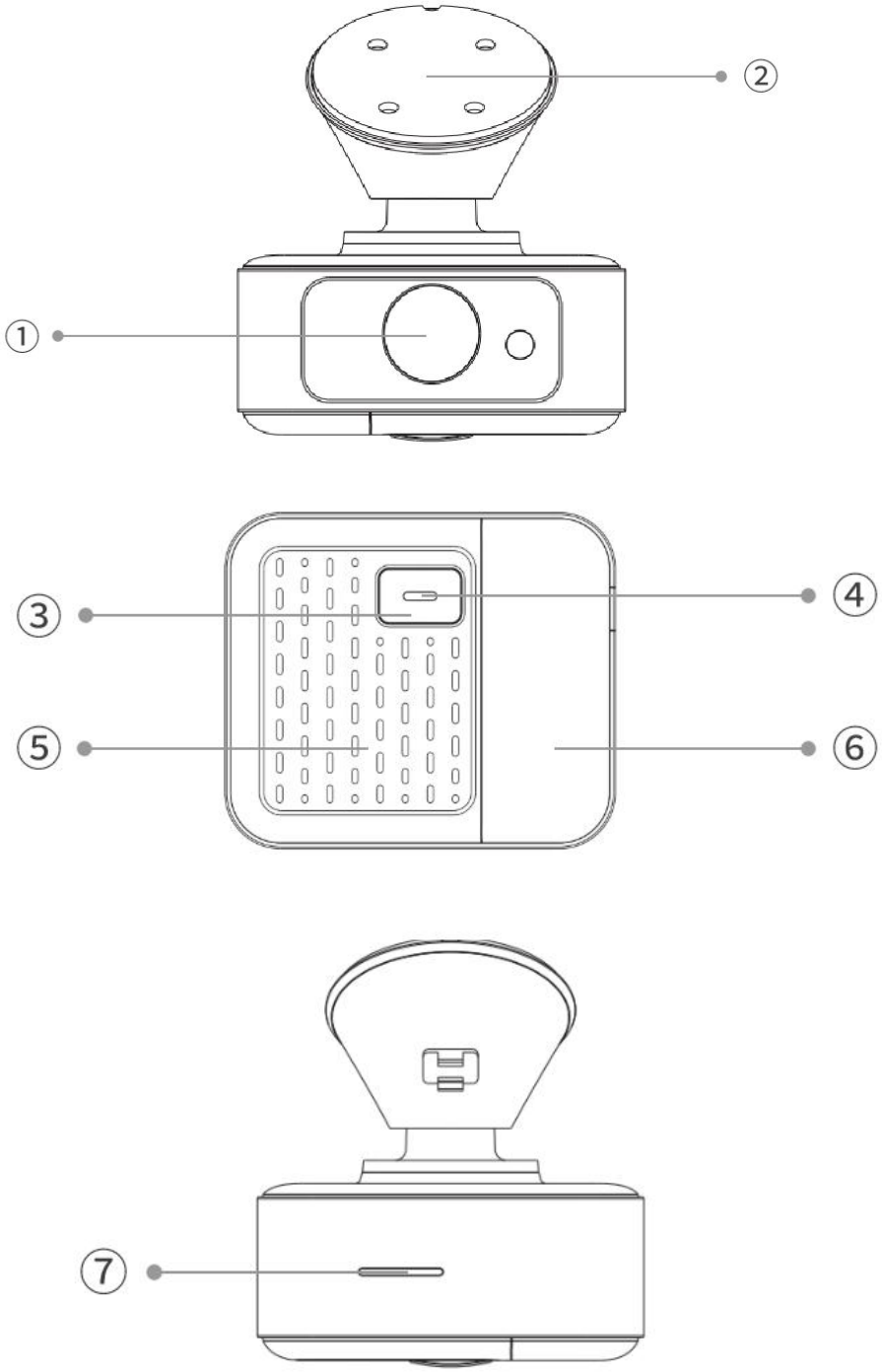
Quick Start Guide V1.0

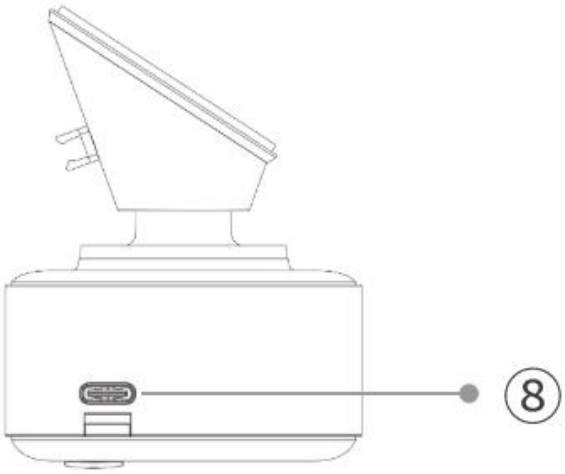


Before using this product, please read this manual carefully to ensure proper use. To improve performance, this manual is subject to change without prior notice.

01 /Product Overview

1.1 Appearance Description





No.	Function	No.	Function
1	Main Camera	5	Microphone
2	Bracket	6	Card Slot Cover
3	Function Button	7	Speaker
4	Indicator Light	8	Type-C

1.2 Working Status

RED	Off ○ ○ ○ ○ ○	Device is powered off / in sleep mode
	Steady ● ● ● ● ●	Device is in ACC ON state, recording normally
	Blinking ● ○ ● ○ ●	Device is in ACC ON state, but recording is abnormal
Green	Blinking ● ○ ● ○ ●	Device is in ACC ON state, but GPS positioning is abnormal
Blue	Blinking ● ○ ● ○ ●	Device is in ACC ON state, but cannot connect to the network

02 /Packing List

2.1 Standard Accessories

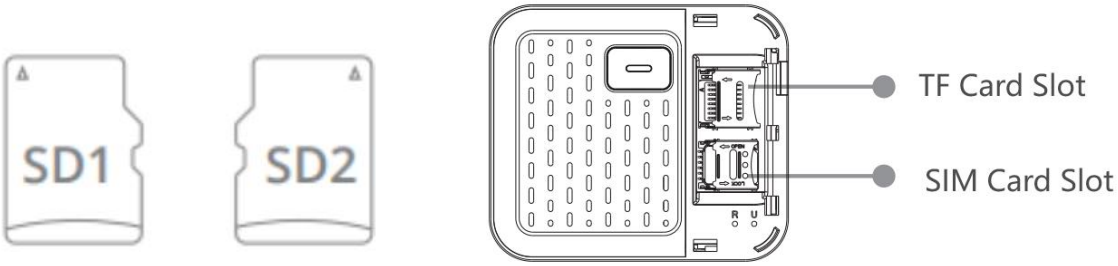
Serial No.	Name	Quantity
1	JC182 Product Main Unit	1
2	Installation Base Bracket	1
3	Power Supply Cable	1
4	Electrostatic Sticker	1
5	Spare 3M Adhesive	1

2.3 Accessory Selection

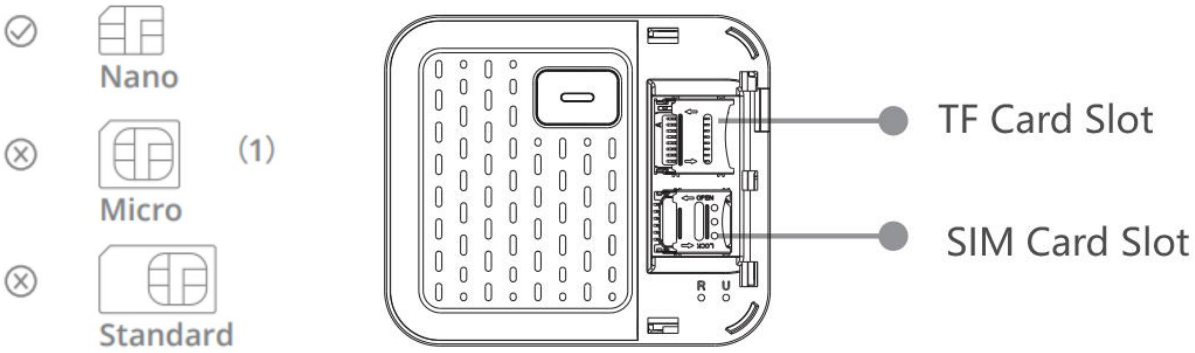
This product, as a 4G communication vehicle DVR, requires both a SIM card and a storage card to fully utilize its functions. These two accessories can be purchased according to the user's needs, but must adhere to the following requirements:

- Storage Card:

1. The device supports one Micro SD card.
2. Please use FAT32 format, with capacity ranging from 16GB to 128GB.
3. Please choose cards with a Class 10 or higher speed, or specifications of A1 or higher.
4. It is recommended to use the storage card sold by the original manufacturer for optimal compatibility and stability.
5. Insert the storage card in the direction shown in the diagram to avoid damaging the card.
6. To remove the storage card, press it down to eject it. When removing the card in the vehicle environment, be careful not to apply excessive force to avoid losing the card.
7. Do not insert the SIM card into the storage card slot.
8. The storage card is a consumable item with a certain lifespan. Please check the card's read/write functionality every quarter and replace it regularly to prevent video file loss.
9. If the device is used for extended periods daily, please choose industrial-grade (high lifespan, high temperature resistant) storage cards to avoid video recording issues due to high temperatures.



- SIM card
  1. A Nano SIM card is required (refer to the following figure for card size);
  2. Use the supplied card tray for the SIM card installation;
  3. Attach or detach the SIM card (make sure the device is in the ACC OFF state) by the steps shown in Figure 2;
  4. Make sure the SIM card is subscribed to a cellular data service;
  5. Use the supplied ejector pin to remove the card tray and the SIM card;
  6. It is recommended to use ceramic SIM cards if the device is used for a long period of time every day to avoid card deformation and communication failures caused by high temperature.



03 / Product Functions

The JC182 series is a 4G smart vehicle DVR designed for the consumer market, specifically for personal vehicle monitoring applications. It combines easy installation, efficient monitoring, and smart management in one product. Featuring a minimalist design, the product is equipped with a single camera and a hemispherical bracket that allows flexible adjustment of the shooting angle, covering any monitoring needs both inside and outside the vehicle.

3.1Product Features

- Integrated Design

The device adopts an integrated design, combining essential components such as the camera, storage, and communication functions, enabling it to be used immediately with a simple plug-and-play setup. The streamlined design minimizes any obstruction to the driver's line of sight, ensuring driving safety.

- Multi-mode GNSS

Building on traditional GPS+BDS dual-mode positioning, the device incorporates AGPS ephemeris updates to provide faster positioning speeds, improving accuracy and reducing blind spots in remote monitoring.

• 2K HD Camera

Offering ultra-high image quality, the camera captures clearer details and perfectly displays road conditions, recording high-definition evidence at critical moments.

• Remote Management

The device supports wireless data network connectivity with cloud servers, enabling remote control of the vehicle's location and video, such as retrieving location data and viewing real-time footage.

• Event Alerts

When the device detects any abnormalities with the vehicle, it notifies the platform, records the location, and captures short video clips or other information related to the event. This data is then uploaded to the cloud for future reference.

• Built-in Emergency Power

The device comes with a built-in emergency power supply. When the power cable is removed, it can still send remote event alerts, providing related images and short videos as evidence. It also enters low-power mode, maintaining remote tracking capability even without a power connection.

04 /Product Installtion

4.1 Notices

- This device is for use with gasoline-powered vehicles only. Please do not use it with all-electric or hybrid vehicles;
- Use the supplied accessories for the installation;
- The power supply for the device is DC9-30V. Please connect the positive and negative terminals of the power cable correctly to prevent any damage to the vehicle;
- When installation is complete, remove the protective film from the camera lens for optimal capture effect;
- Use a memory card and a SIM card recommended in this guide;
- Ask your dealer or a professional agency to perform the installation and testing as described in this guide.

4.2 Installation Preparation

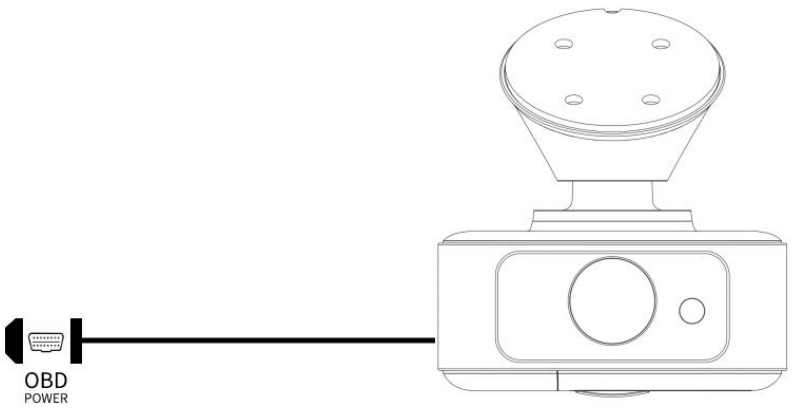
- Check the package you received against the packing list and make sure everything is in good condition before installing.
- Prepare the installation tools (insulation tape, assembly and disassembly tool, etc.)
- Check if all original functions of the vehicle in which the device is to be installed are normal. If any exception is found, do not proceed with the installation;
- Take necessary cleaning and protection measures to the vehicle in advance.

4.3 Product Pre-Installation

Before installation, it is recommended that you install all necessary accessories on the device, including:

- Insert an eligible memory card correctly into the device;
- Place an eligible SIM card in the card tray and insert it into the device;
- Select a proper install position and clean the position.

4.4 Product wiring diagram

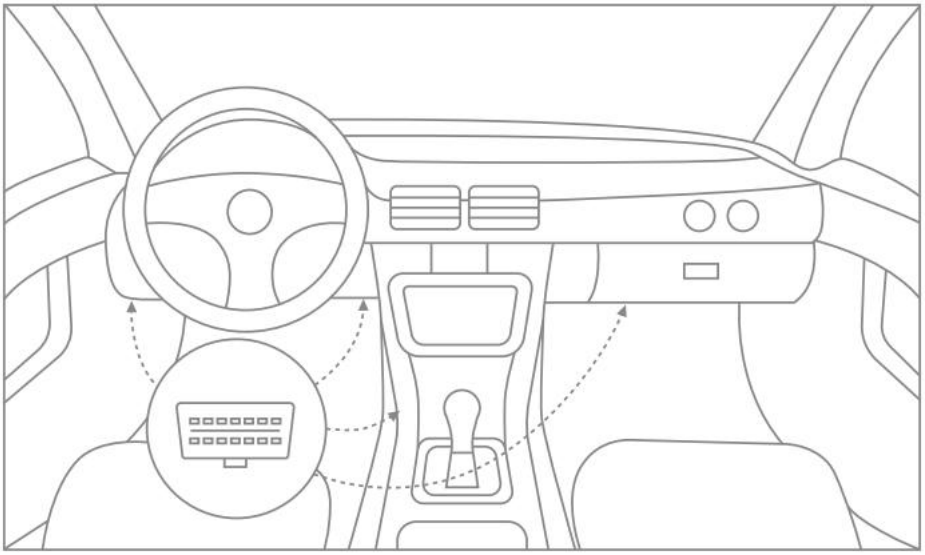


Installation Instructions

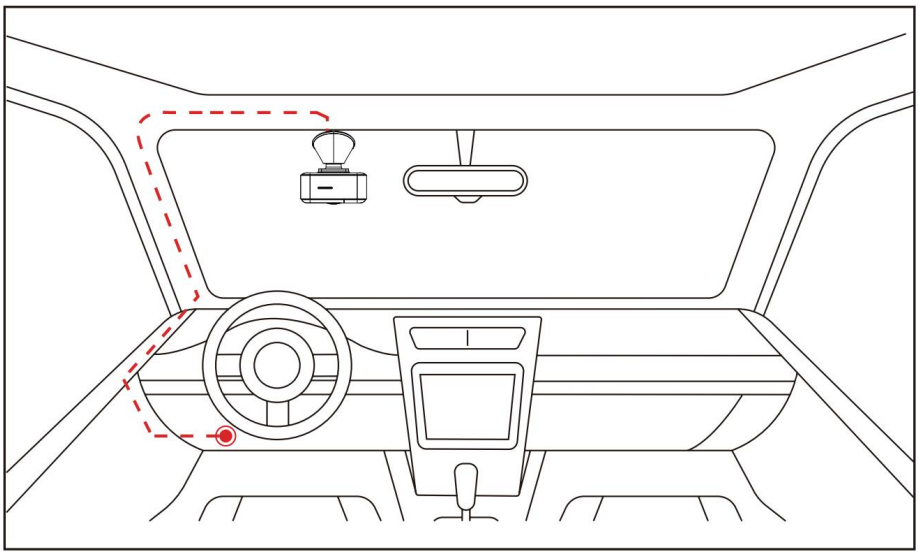
1. Please check if the purchased accessories are complete and intact, and connect and install them according to the actual purchased accessories.
2. If the Relay function is needed, the corresponding Relay expansion kit must be purchased separately.
3. After installing the power cable, please secure the OBD interface and wiring harness to prevent the power cable from becoming loose.

4.5 Installation

Step 1: Locate the OBD interface in your vehicle (the image below shows the most common locations of the OBD interface), and connect the power cable.

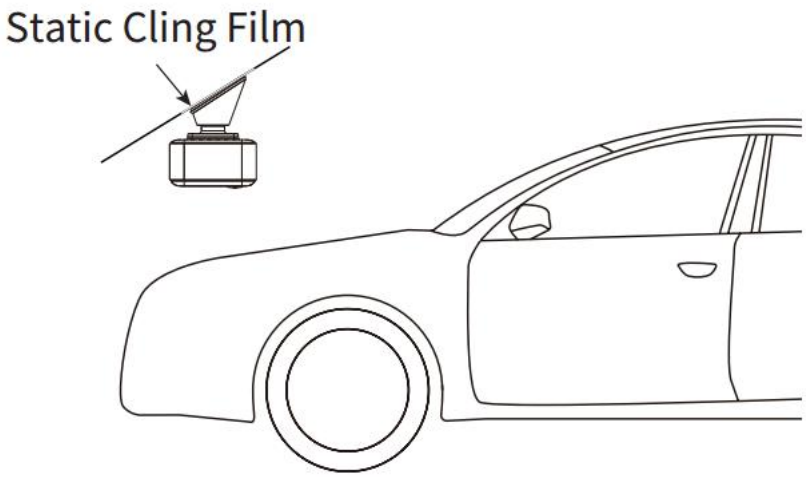


Step 2: Install the power cable along the vehicle's A-pillar to the top center of the windshield. Please refer to the dashed line in the diagram below.



Step 3: After cleaning the windshield, peel off the Static Cling Film and stick it in the appropriate position. Then, peel off the 3M protective film from the base. Attach the base to the electrostatic sticker and leave it in place for at least 2 hours to prevent it from

falling off. Please refer to the diagram below.



Step 4: Install the device onto the bracket and adjust it to the appropriate angle.

4.6 Installation Acceptance

1. Check the power cable connection: Normally, when the vehicle is in the ACC ON state, the power indicator (red) of the device will light on; otherwise, the power indicator will be off.

2. Check the GNSS function of the device: Normally, when the vehicle's ignition is turned to the ON position, the GNSS indicator (green) will flash; you can drive your vehicle to an open area and wait for one minute, then the GNSS indicator will change to solid on.

3. Check the data communication function of the device: Normally, when the vehicle's ignition is turned to the ON position, the cellular indicator (blue) will flash; you can drive your vehicle to a place where the cellular signals are good, then the cellular indicator will change to solid on.

4. Check the cameras: Log in to the designated mobile app and go to the live video interface. If you can switch between cameras, then the cameras are working properly. You can manually adjust the capture angle of the cameras according to actual conditions.

05 / Main Functions

5.1 Basic operation

- Startup

When the B+, ACC and GND power cables of the device are connected with the vehicle power correctly, the device will be started automatically without manual intervention.

- Shutdown

The device shuts down automatically if the power source to it is disconnected.

- Sleep

The device will disable its recording, GNSS, and other functions if it detects that the vehicle's ignition is turned to the OFF position. Then it will enter the sleep mode to save power.

5.2 Main functions

- Video recording

When the vehicle's ignition is turned to the ON position, the device will start recording automatically. It will simultaneously record video, including audio, captured by the connected camera(s). This function can make use of loop recording to store video on the memory card, without human intervention.

- Tracking

When the vehicle's ignition is turned to the ON position, the device will automatically activate its GNSS module to fix positions. This function enables the device to track and acquire the geographic location of the vehicle, which is uploaded to the cloud server.

- Event monitoring

When in operation, the device can monitor the vehicle speed, gravity acceleration, driver and vehicle status, etc.; when an abnormal condition occurs, the device issues an alert to remind the driver and uploads the event with geographic location and image/video evidence to the platform.

5.3 Remote Management

- Live video

Through the background service you can use the device's cellular capability to transmit audio and video from the camera(s), so you can view the vehicle's status live.

- History video

Through the background service you can use the device's cellular capability to push the selected audio and video files as well as the history video files stored in the memory card to the platform.

- Location query

You can check the live or history locations of the vehicle via the platform to know its past trips.

06 / Other

6.1 FAQ

1. Device not powering on, LED indicator not lighting up:
(1) Check the ignition status of the vehicle, as the device only works when the vehicle is started.
(2) Check if the device power cable is securely connected to the vehicle's OBD interface.
(3) Check if the fuse is blown or short-circuited.

2. Camera not working, red LED indicator blinking:
(1) Check if the storage card is properly inserted.
(2) Insert the storage card into a computer to check if it's working properly.
(3) The default format for the device's storage card is FAT32. Please format the card to FAT32 before use.

3. Device unable to connect to the network, blue LED indicator blinking:
(1) Check if the SIM card is correctly installed and whether it has mobile network functionality.
(2) If it is an IoT SIM card, the APN may not automatically configure. You will need to manually add the APN configuration.

4. Device unable to position, green LED indicator blinking:
(1) Drive the vehicle to an open area. It should not be in a basement or tunnel.
(2) When the device is started under tall buildings, the search and positioning may be slow, which is normal. You can speed up the positioning by driving to an open area.

5. Platform unable to receive relevant alarms:
(1) Check if the device's alarm switch is enabled on the platform.

6. Device base easily detaches after installation:
(1) The base comes with electrostatic stickers and 3M high-viscosity double-sided adhesive tape. Before installation, clean the glass to prevent dust or oil from reducing the adhesive strength. When applying, ensure that the electrostatic sticker with the green label is facing the windshield.

FCC Radiation Exposure Statement:
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 & your body.

B1	1920-1980Mz	22.14dBm
B3	1710-1785MHz	23.35dBm
B7	2500-2570MHz	22.4dBm
B8	880-915MHz	21.16dBm
B20	832-862MHz	22.47dBm
B28	703-748MHHz	22.6dBm
B34	2010-2025MHz	23.33dBm
B38	2570-2620MHz	23.43dBm
B40	2300-2400MHz	22.72dBm
2.4G WiFi	2412-2472MHz	16.57dBm

07 / After-sales Service Terms

7.1 Special Note

No prior notice will be given if the product is upgraded due to technological reasons. The appearance or color of the product is subject to the actual. The warranty card applies to the services of repair, replacement, and refund of the product with the following IMEI. Please keep this warranty card and the original receipt of purchase together in a safe place, as these will be needed at time of services.

7.2 Warranty Terms

For damages not caused by human factors, this warranty lasts for one year starting from the date of purchase.
You can choose to pay for the repair services in any of the following cases:
① The warranty card is expired;
② No warranty card or valid proof of purchase;
③ The product, including its accessories, is not in the warranty period;
④ Damage caused by unauthorized repairs, crash, liquid spillage, incident, accident, modifications, or incorrect voltage input; or the label, IMEI, or counterfeit mark of the product is broken or scribbled;
⑤ Damages caused by installation or use not in accordance with the user manual;
⑥ Damage caused by force majeure such as fire, flood, or lightning;
⑦ The device model is inconsistent with that on the warranty card or the warranty card has been altered;
⑧ Other damages caused by force majeure.

7.3 Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 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/TV technician for help.

Disclaimer:

 Please read this manual carefully prior to use. No prior notice will be given for any changes made to the appearance, color, or accessories of the product.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

08 / Warranty Card

Customer Information:

Customer Name		IMEI No.	
Mailing Address			
Product Model		Phone	
Date of Purchase		Invoice No.	
Purchased From			
Address			
Phone			

Maintenance Record

Service Start Date	Problem and Solution	Service End Date	Customer Signature

Important

Please keep this warranty card in a safe place, as it is the proof for one-year free warranty services. If this card is lost, the Company will determine the date of purchase to be the thirtieth (30th) day after the date of production.

EU Declaration of Conformity (DoC)

Hereby we,

Name of manufacturer:	Shenzhen Jimi IoT Co., Ltd.
Address:	3-4/F, Block A, Building #7, Shenzhen International Innovation Valley, Dashi 1st Road, Nanshan District, Shenzhen, Guangdong, China

declare that this DoC is issued under our sole responsibility and that this product:

Product description:	4G MINI DASHCAM
Type designation(s):	JC182, JC182-EU, JC182-LA, JC182-NA, JC182S, JC182P, R42,LN-R42, R42-EU, R42-LA, R42-NA, LN-R42-EU, LN-R42-LA, LN-R42-NA
Trademark:	Jimi IoT

Object of the declaration: [Model: JC182, JC182-EU, JC182-LA, JC182-NA, JC182S, JC182P, R42,LN-R42, R42-EU, R42-LA, R42-NA, LN-R42-EU, LN-R42-LA, LN-R42-NA , The device is 4G MINI DASHCAM, it supports 2.4G WiFi, BDS, GPS, AGPS, 4G functions. For more details, please refer to the user manual.]

is in conformity with the relevant Union harmonization legislation:

Radio Equipment Directive 2014/53/EU:
with reference to the following standards applied:

Safety	IEC 62368-1: 2018 EN IEC 62368-1: 2020+A11: 2020
Electromagnetic compatibility	ETSI EN 301 489-1 V2.2.3(2019-11); ETSI EN 301 489-17 V3.3.1(2024-09); ETSI EN 301 489-19 V2.2.1(2022-09); ETSI EN 301 489-52 V1.3.1 (2024-11); EN 55032: 2015+A1:2020; EN 55035: 2017+A11:2020; EN IEC 61000-3-2: 2019+A2:2024; EN 61000-3-3: 2013+A2:2021.
Radio frequency spectrum usage	ETSI EN 301 908-1 V15.2.1(2023-01); ETSI EN 301 908-13 V13.2.1(2022-02); ETSI EN 300 328 V2.2.2(2019-07); ETSI EN 303 413 V1.2.1(2021-04);
Health	EN IEC 62311: 2020; EB 50665:2017
Article 3.3.g emergency services access	N/A

The Notified Body Kiwa Nederland B.V. , with Notified Body number 0063 performed:
Applicable Modules: B+C

Where applicable:
The issued EU-type examination certificate: 252140347/AA/00

Accessories:

Power Supply Cable	**N/A**

Software version: C182_0_3_STD_JM_JC182_V1.2.0.4 *(Note: Some software updates will be released by the manufacturer to fix some bug or enhance some function after placing on the market. All versions released by the manufacturer have been verified and still compliance with the related rules. All RF parameters (e.g.: frequency range, output power) are not accessible to the user, and can't be changed by the user.)*

Signed for and on behalf of:

April 29, 2025 China
Place and date of issue

Xie yi Project Manager
Name, Function, signature