GC02

Manual

1. Product Overview

The GC02 is a 4G dual recording dashcam equipped with HD in-vehicle DVR camera, one-button alarm, GPS driving trajectory, positioning, Low voltage protection, 4G communication, and external TF card storage, integrating multiple functions as a high-tech produc

2. Hardware Setup

1. Insert the TF card and SIM card into the motherboard
2. Power supply 12V On The red light will be on during the start-up process (It takes about 13 seconds after installation to start up, and power should not be cut off during the start-up process)
3. Working status can be confirmed via indicator lights.
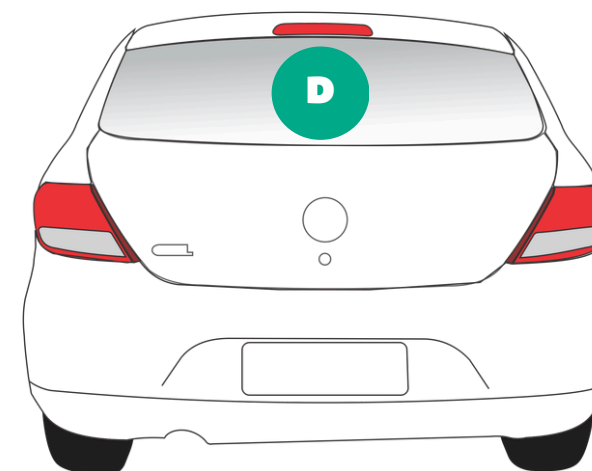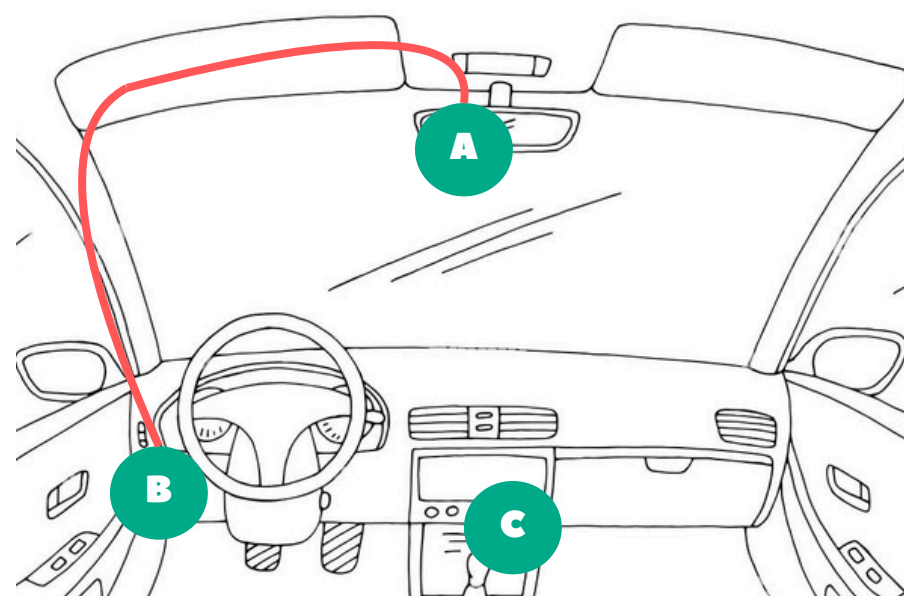
3. Installation Guide

A. Dashcam Installation Position
(Refer to installation diagram. Conceal the cable along the windshield top edge into the headliner gap, then route through the A-pillar to the fuse box.)

B. Wiring Connection Position and ignition
(Using dedicated power cable for 24-hour parking surveillance)

- B+ cable: Connect to constant power (permanent live circuit).
- ACC cable: Connect to switched power (powers dashcam when ignition ON; cuts power after ignition OFF, triggering dormant mode).
- Black cable: Negative.

C. Cigarette Lighter Power Connection
Direct connection to cigarette lighter socket. Power deactivates after parking and ignition OFF → Parking monitoring unavailable.

D. Position for second camera(If available) .

4. Memory Instruction

It is recommended to use a TF card with a capacity of 32GB-128GB, read/write speeds meeting or exceeding Class 10 / U1 / V10 standards
2. In order to ensure that more driving videos can be stored, it is recommended to format the TF card first to avoid other files in the card taking up space

5. Button Function

1. Power Button
- Short press: Triggers voice prompt of system status
- Double press: Enables WiFi hotspot function
- Long press (5 seconds): Factory Reset

2. Lock Button: Manually protect current video file

3. SOS Button:
- Short press: Capture & upload emergency photo
- Long press (5 Seconds): Capture & upload emergency Video

6. Indicator Light

- **Solid Green**: Normal operation – continuous recording
- **Flashing Green**: GPS acquiring signal
- **Solid Red**: System initialization/ Factory reset
- **Flashing Red**: Video recording failure
- **Flashing Blue**: 4G/LTE connection error

7. Parking Surveillance

After the car is turned off, the device will automatically enter the parking monitoring mode
This is how the dashcam works:

- When the car is hit by an external force, the device will automatically alarm and upload pictures and location information to the mobile APP

- Users can actively monitor the device in real time, take pictures, capture videos and remote intercom through APP

- In order to protect your car battery, when the car is off for a long time, the device will automatically shut down and stop consuming the battery power to ensure that it does not affect the normal ignition power consumption of the car.

GC02 automatically starts recording on starting the vehicle. The recorded videos are cyclically overwritten, so there is no need to manually clean the memory card.
Vibration-triggered videos are automatically locked to prevent loss.

8. Troubleshooting

PROBLEM	SOLUTION
Bracket mount is not firmly attached.	Check to ensure that the car glass is wiped clean, and squeeze out the air between the adhesive and the glass to press it firmly.
The device body shakes and the video is skewed.	Check that the bracket is fastened properly to the running gear and that the bracket is parallel to the front of the car.
Blurry and/or dark videos	Check the lens surface and windshield to see if they are clean and free of dirt. The lens Angle should not be too high, and the bottom edge of the video should be able to capture the bottom of the windshield.
Recording even when ignition is off	Ensure that the power cable (B+) is connected to the battery, and the ACC line is connected to the vehicle ACC line.
Device cannot be turned on.	Check that the wiring is correct Check if the fuse on the wire is intact
Showing only as GPS tracker on App	Check whether the SIM card is installed and whether there is an active data subscription.
Video recording failure	• Check if the TF card is plugged in • Check whether the TF card read/write speeds meeting or exceeding Class 10 / U1 / V10 standards
Device Expired on App	Contact your dealer

9. Safety Instructions & Disclaimer

Intended Use:
This product is designed for use with 12V automotive battery-powered dashcams only.
Do NOT use this product in higher-voltage commercial truck applications.

Driving Safety
For your safety, do not operate this product or its mobile application while driving.

Proper Installation & Accessories
Please use only the original accessories and follow the installation instructions carefully.
Failure to follow proper procedures or the use of incompatible accessories may void the warranty and could pose safety risks. The Company shall not be held liable for damages resulting from improper use or installation.

Unauthorized Repairs
Do not disassemble or attempt to repair this product without authorization. Unauthorized modifications or repairs will automatically void the warranty.

Product Improvements
In line with continuous product improvement and development, the Company reserves the right to revise or update the user manual without prior notice.

Manual Disclaimer
The contents of this manual are accurate at the time of manufacture. Unless otherwise required by applicable law, no warranties—express or implied—are made regarding the accuracy, reliability, or completeness of this document.

Limitation of Liability
To the maximum extent permitted by applicable law, the Company and Manufacturer shall not be liable for any special, incidental, indirect, or consequential damages arising from the use of this product.
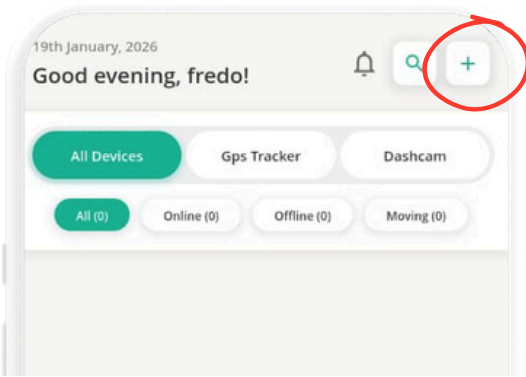
10. Device binding on App

Download App
Scan the code above or search for the GatePS app on the relevant store and download

Signup/Login
Log into your existing account or signup for a new account

Add Device
Click on the + icon to add your Dashcam
IMEI is found on the body of product

If IMEI is not registered, contact your dealer.