4G DashCam

User Manual

Version: V1.0

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

1. Introduction

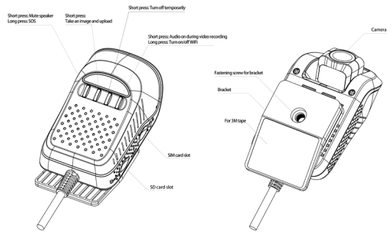
1.1 Overview

This 4G dashcam is a digital video recorder (DVR) that supports cloud storage and can do the following: fix positions of a vehicle over both GPS and BDS, communicate and live stream via the 4G LTE network, sense the orientation of the vehicle, sync data using WiFi Direct, store images to the cloud, upload data to the platform, and more.
It obtains power from the fuse box of the vehicle; therefore it is suitable for most types of vehicles. It can provide locations, HD history video footages, alert messages (about collision, low battery, etc.), driving behavior analysis, and other data to help fleet managers to know the condition of their vehicles all the time, lower operation cost, and improve management efficiency. It is not only suitable for commercial fleets, but also government and enterprise fleets, private cars, e-hailing service cars, and taxis as well as UBI service providers and auto financial services who would like to have better visibility to their vehicles.

1.2 Features

- Communication over LTE network (Cat.1)
- High-precision position fixes using GPS and BDS and aided by AGPS and LBS
- Locally-stored 1080P history videos
- 480P live videos
- Alert upon collision, vibrating during parking, ACC on or off, or other anomalies and upload related videos or images to the platform to facilitate the action-taking of operators
- Driving behavior analysis (UBI) such as harsh acceleration, braking, and cornering
- WiFi Direct to enable drivers to watch history videos on their mobiles without consuming mobile data
- Cloud storage of locations (from real-time tracking), history trips, videos (from live streaming), event images, and short video clips
- Remote diagnosis
- OTA upgrade
- Open API for easy integration with third-party platform

2. Appearance



Buttons	Short press: Mute/Unmute audio while recording	
	Long press: Turn on/off WiFi	
	Short press: Start/Stop auto video recording (turn off temporarily)	
	Short press: Take an image and upload	
	Short press: Mute/Unmute the speaker	
	Long press: Call the SOS number	
LEDs	Solid on: Power on 0.3s~0.3s (on-off): SD card error or no SD card 0.1s~10s (on-off): Device in sleep Off: Power failure	Red (power)
	Solid on: Position fixed 0.1s~1s (on-off): Device searching for satellites 0.3s~0.3s (on-off): GPS module error Off: Sleep or power failure	Green (GNSS)
	Solid on: Device online 0.1s~1s (on-off): Device searching for network 0.3s~0.3s (on-off): SIM card error or no SIM Off: Sleep or power failure	Blue (Network)
SD card	Max. 128GB	
SIM card	Nano-SIM	

3. Basic Parameters

Feature	Description
Platform	UIS8910DM
Memory	8MB+16MB
Operating system	RTOS
Network bands	EU: B1//B3/B7/B8/B20/B28 LA: B1/B2/B3/B4/B5/B7/B8/B28/B66
Network standard	LTE Cat.1 bis
Location	GPS/BDS+AGPS+LBS
Lens	H≥110°; D≥135°
Video	1920x1080@30fps, full-color
WiFi	2.4G
Power supply	DC 9V–30V
Operating temperature	–20°C to 70°C

4. Packing List

When unpacking, please check whether the dashcam is in good condition and all accessories are included:

(1) Main unit x1 (2) Power cable x1

(3) Bracket x1 (4) 3M double-sided tape x1

(5) Fastening screw x1

5. Installation

Note:
1. Use accessories specified by the manufacturer only.
2. The standard supply range is 9–30V, please use the original power cable and ensure that the positive and negative are correctly wired.
3. It is recommended to ask a distributor, a designated business, or an expert to do the installation and commissioning.

5. 1 Preparation

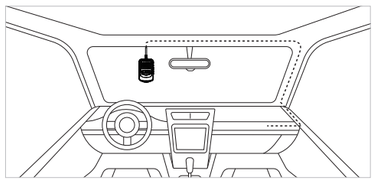
（(1) Check visually whether the device is in good condition and whether the relevant accessories are complete.
(2) Make sure that the device is ACC OFF before attaching or detaching the SIM or SD card.
Note:
(1) Place a Nano-SIM (as the following figure shows) in the card holder and insert them into the card slot.

Attention: Make sure the SIM has data service activated and is not in arrears.
(2) Use an SD card in speed class 10 or higher and with a capacity of 32GB or above.
(3) As the SD card has limited read and write cycles, it is recommended to replace it every half a year to ensure the recording performance of the device.

5. 2. Bracket Installation

Mount the bracket to the device as the above figure shows and tighten the screw.

5. 3 Cable and Power Connection



(1) As the above figure shows, route the power cable along the top edge of the front windshield and the A pillar (both left and right will do) to the fuse box.
(2) Connect the GND, B+, and ACC wires of the power cable to the corresponding positions on the fuse box.

6. Other

6. 1 After-sales Service and Disclaimer

- Please use the accessories provided by the manufacturer. If any incompatible accessory is used, the warranty may become void. Such action may even pose danger to you and others. We shall assume no liabilities for any damage or incidents resulting from the use of incompatible accessories.
- The warranty on product repair is void if you disassemble or tamper the enclosure of the product.
- In pursuit of perfection and sustainable development, we may revise this user manual without notifying customers in advance.
- This manual is prepared at the time when the product is manufactured. Unless otherwise stated by applicable law, we make no explicit or implicit guarantee for the correctness and reliability of the content in this manual.
- To the fullest extent permitted by applicable law, in no case the Company or the manufacturer shall be liable for any special, incidental, or indirect losses resulting from any cause.

6. 2 FAQ

- Device inactive
  1. Check whether the device can go online.
  2. Check the LEDs, the domain name, IMEI, SIM type, and statuses.
  3. Check the APN setting and the card read status by sending a message or making a call.
  4. Check whether the device can fix positions.
  5. The device is networked, goes online, locates successfully, and uploads location packets.
- Device offline
  1. If the device cannot go online when it is used for the first time, check the APN setting, SIM card status, and the server address.
  2. If the device goes offline abruptly during use, check the SIM card status, the network status, and the roaming condition.
- Why the three LEDs do not light up and the device does not operate after the device is powered on?
  1. Check whether the ACC wire is correctly connected and the device is ACC ON. If not, set the ACC to ON.
  2. If the ACC wire is correctly connected and the red LED is still off, the device is not correctly powered. In this case, you need to check the power cable and the power supply.

Warranty Card

User Information

Name _____ Phone number _____

E-mail _____ Postal code _____

Address _____

Product Information

Model _____

Color _____

SN _____

Maintenance Record

Record	Fault	Acceptance Date	Serviced By