

# 4G DashCam

## User Manual

Version: V1.0

Please read this manual carefully prior to use.  
The contents of this manual may vary depending on the 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 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.

- 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 at the time, lower operation cost, and improve management efficiency. It is not only suitable for commercial fleets, but also for personal vehicles.
- Supports 1080P high definition videos and images. As well as live streaming, you can also use the 4G/LTE 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
- ▶ 4G/LTE live videos
- ▶ Alert upon collision, vibrating during parking, ACC on or off, or other anomalies and upload (create videos or images to the platform) to facilitate the action-taking of the fleet manager
- ▶ Driving behavior analysis (DIB) 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	<p>Short press: Menu (mute audio while recording)</p> <p>Long press: Start (stop auto video recording)</p> <p>Short press: Start (stop auto video recording)</p> <p>Turn off temporarily</p> <p>Short press: Take an image and upload</p> <p>Short press: Menu (mute the speaker)</p> <p>Long press: Call the SIM number</p>	
LEDs	<p>Solid on: Power on</p> <p>0.5s-0.5s (on-off): No card error or no SIM card</p> <p>0.5s-0.5s (on-off): Device is busy</p> <p>Off: Power failure</p> <p>0.5s (on): Device searching for satellites</p> <p>0.5s (on-off): Device searching for network</p> <p>0.5s (on-off): SIM card error or no SIM card</p> <p>On: Power reserved failure</p> <p>Off: Sleep or power failure</p>	<p>Red (power)</p> <p>Green (DINSS)</p> <p>Blue (Network)</p>
SD card	Max. 128GB	
SIM Card	Nano-SIM	

### 3. Basic Parameters

Feature	Description
Platform	UIS9510DM
Memory	8MB+16MB
Operating system	RTOS
Network bands	EU: B1/B3/B7/B20/B28 US: B2/B4/B5/B12/B17/B8/B19/B36
Network standard	LTE Cat.1 b1
Location	GPS/BDS+AGPS+LBS
Lens	Resolution: 1280x720 FOV: 170° F1.8
Video	1520x1080@30fps, Full-color
WiFi	2.4G
Power supply	DC 5V-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:

- Use accessories specified by the manufacturer only.
- The standard supply range is 5-30V, please use the original power cable and ensure that the positive and negative are correctly wired.
- When working with the power source, please wear a hard hat, safety glasses, and protective gear. When the work is done by a professional electrician, 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.

Normal

Micro

Nano

Attention: Make sure the SIM has data service activated and is not in armor.

(3) Use an SD card in speed class 10 or higher and with a capacity of 32GB or above.

(4) 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, use the power cable to connect the top edge of the front panel to the fuse box and the other end to the fuse hole for the power supply.

(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

Our products are subject to continuous improvement. Any responsible, necessary is reserved, and we may not be liable 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 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 implied guarantee for the correctness and completeness of the content of 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 is lit up.
  2. Check the LED, the domain name, IMEI, SN type, and stations.
  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 position.
- Device cannot go online when it is used for the first time, check the APN setting, SIM card status, and the server address.
  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.
- The LED is lit up but 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. Check whether the power cable is correctly connected and the LED is lit up. If not, set the device to not connect 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