

# User Manual

## WIFI Car DVR

### User guide

**To user:**

Dear customer friend, thank you for choosing HD recorder products of the company produced. This product uses the high-end market tachograph mainstream chip as the main control chip hardware codec, 1080P codec image recorder, HD picture driving record in real sense for you.

This product is based on the car itself structural design, lightweight, exquisite appearance, special and can completely realize the hidden type installation, the user can install and debug, and the product does not contain lithium battery, excellent safety performance. Please rest assured that the use of.

This machine adopts high performance low illumination CMOS WXGA HD sensor chip, a mounting structure of unique design, so that it can be used in various models, bring convenience and safety of the rich and colorful daily life for you. Up to 30 frames per second HD HD (1920\*1080) video, video files can be selectively recording function; continuous dynamic the picture is very strong; automatic coverage function, loop recording function, there is no need to worry about memory card full support playback of the recorded video clips; function; new high-tech products external card memory card support up to 32G-TF. Mainly used for vehicle driving video, is to improve the traffic safety accident forensics best helper. Please read the user manual before using this product, and keep this manual; we hope that our products can meet your needs and long-term service to you!

### Product key

1. Power key	2
2. SD card slot	2
3. Menu key	2
4. USB interface	2
5. Microphone	2
6. Reset key	2
7. Back pull interface	2
8. mode key	2
9. Down key	2
10. Shift key	2
11. OK confirm key	2
12. Horn	2
13. Indicator light	2
14. Heights	2

### Key function introduction

**Power key:**  
Function one: switch function  
In shutdown state, boot into standby state through short press the power button. In the boot state through long press the power button can make the machine automatically save the video file or shutdown the data set after the action.

**Upper key:**  
Function one: in the menu by pressing the key on the election function;  
Function two: zoom in and zoom out in video and camera;  
Function three: play video, rewind play video files.

**Down key:**  
Function 1: press the button in the menu to select the function;  
Function two: zoom in and zoom out in video and camera mode;  
Function three: play video, fast forward to play the video file;  
Function four: video mode, press this button to open and close the recording function;  
Function five: video mode, press this button, select the LCD screen and TV screen display switch between.

**Menu key:**  
Function one: menu function  
In standby mode, short press the menu button once to enter the video menu, press two to enter setup menu in the settings menu mode if you press the menu button will automatically exit to standby state. In the photo mode, short press the menu button once to enter the camera menu, even by two times to enter the setup menu. Playback state, short press the menu button once to enter the file menu, press two to enter the setting menu.

**Function two: manual lock function**  
In the current normal video, press this button to manually lock the current video file, and then press it again to unlock it.

**Mode key:**  
Function: enter the camera state  
In standby mode, press the mode button once to enter the camera state.  
Function two: enter playback state  
In standby mode, press the two key to enter the playback mode, and then press the mode key to automatically back to standby mode.

**Reset:**  
In the case of abnormal machine, you can press this button to restart the machine reset.

**OK bond:**  
Function one: open / close the video function  
Video mode short press can control the start and stop of the video  
Function two: camera function  
Camera mode, press this button to take pictures  
Function three: file playback function  
Press this button in playback mode to play / pause video files  
Function four: confirm function  
In the video menu, set the menu, the camera menu, the menu under the playback of all the options to set up the operation to ensure the preservation of the executive action

**Use of rear pull:**  
When connected to an external power supply is switched on, pull the camera will automatically open the machine interface will appear two screens, the upper left corner of the screen to pull the camera, otherwise it is not displayed in the system settings display ratio adjustment, pull the camera resolution as the default 720P, video will also recorded two files, file with the A camera based video files, B files. After pulling the video camera to take pictures, save only the main camera photo files.

**Product characteristics:**  
Large screen can be more clearly see the pre recorded effect. 1080P ultra wide angle lens perfect combination design, more convenient for a variety of occasions for multi-angle, high analysis of visual shooting  
The built-in 1/3 inch voice high-quality photographic element can capture light to write the picture in a dark place.  
Built in rechargeable lithium battery side recording function  
Built in microphone / speaker

**Product parameters:**  
Processor Novatek 96658 professional video monitoring processor, support H.264 coding, 1080P 30fps Full HD video coding, low power technology, star level image processing technology.  
Image chip: SONY IMX322 CMOS Exmor image sensor, 1/2.9 inches, 2.8um pixel size.  
Lens: 6 sets of glass lenses, 1 Infrared filters, the level of 114 degrees, diagonal 170 degrees, F2.0 aperture.  
Storage: Class10 high speed memory card, maximum support 32GTF card, can record 7 hours 1080P HD video card.  
G-Sensor: built in three axis acceleration sensor, support collision lock, sensitivity adjustment through the App  
Operating temperature: -20~+70 degrees Celsius  
Voice input: high sensitivity Mic  
Video output: support NTSC/PAL video output  
Input power specification: 12V 1A~2.1A

### Common troubleshooting

Fault phenomenon	Reason analysis
No boot	Make sure that the vehicle is on fire, press the power button or reset button manually
Recorder cannot record	Please make sure that the TF card is the card in place, as far as possible in the TF card. Confirm TF card format. Card is a high-speed Class10 brand original card

**Page 10**

Product warranty card  
Item type: Date of purchase:  
Customer Name: Contact phone:  
Fault problem:

**Warranty clause**

1. Buy this product, please fill in this card, read the product warranty carefully, to ensure the products get effective guarantee.

1) Users in the purchase of the product to keep this card, please confirm and vendors;  
2) We need to provide warranty card at the same time;  
3) The warranty card fill in the information to be true, otherwise invalid;  
4) The product warranty period of one year for the host, accessories replacement for three months, in the warranty period, such as product failure, the company provides free service.

2. The following causes damage to the product can not be used normally, not within the scope of warranty

1) Not in accordance with the instructions of the use and installation of damage;  
2) All man-made or accidental damage to the product;  
3) Not approved by the company's maintenance, modification and disassemble itself so that the seal stickers rupture;  
4) The surface of the product shell aging, bumps and scratches.

3. After the expiration of the warranty, the user can still provide maintenance services to the company, but need to pay the corresponding costs.

### Power line definition

① BMW line  
Black line: GND  
Red line: ACC 12V  
Yellow line: Often the fire B + 12 v  
Video output: Recorder connector

② Car charging line

**Installation effect diagram**

**The Drawing of The Safe Box**

**Cable definition**

Black: GND  
Red: ACC  
Yellow cable :12v  
Yellow RCA :connect nav/av port

**Support memory**  
≤32G

**SD card memory data**

Memory	Picture quantity	Time
32G	About 20800	About 7 hours
16G	About 10400	About 3.5 hours
8G	About 5200	About 2 hours
4G	About 2600	About 2 hours

### APP OPERATION

Timacam and Roadcam can download by ISO and Android App store. Roadcam support English, Japanese, Portuguese, Russian, Ukrainian, Thailand, Vietnam language. Timacam support English language. Setting function have 24 hours guard (Compressed video), parking monitor, time-lapse record.

**1** Scan the QR code below to download APP Timacam and Roadcam.

**2** Search WIFI hotspot, wi-fi hotspot name is sameuo.../DVR..., default password is "12345678", connect wifi.

**3** Enter into Setting Screen where you can set various functions of the Dash Cam.