

WIFI Car DVR

User manual



Start Trip of
Smart Driving



PREFACE

Thanks for selecting our WiFi-control product. This device is designed to assist driving via mobile phone. Integrating full HD car DVR with wireless control function, we are trying to provide more thoughtful service to our customers.

Installed in front of the rear view mirror, the 140 degree wide angle lens will work with the best view to record every detail clearly in your trip. Driving records will be stored in memory card. After connecting mobile phone with car DVR's WIFI, you can experience extensive functions such as product setting, real-time preview, video download, etc.

This manual will provide detailed instructions and help you to get the best user experience. Please read carefully before using.

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Packing list

Device x 1

GPS x 1(option)

Wire harness x 1

Rear camera x 1(option)

User manual x 1

Features of WIFI Hand-control system

- 1.Dual camera recording
- 2.Wireless remote controller photographing
- 3.GPS route display
- 4.Lane departure warning
- 5.Front Collision warning
- 6.Red Light warning
- 7.Fixed Speed Monitor warning
- 8.One key to share videos and pictures

APP downloading and WIFI connection

1.Scan QR code as below to download and install APP.



↓ APP(Android)

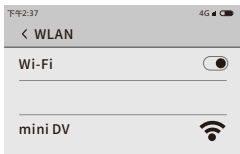


↓ APP(iOS)

PROMPT

- 1.System requirements of APP.
IOS above 8.0
Android above 5.0
- 2.Request memory card above Class10.

2. Go to menu "Setting", click "WLAN", on Smart Phone, to find the WIFI name "mini DV", and input default password "1234567890" to connect Car DVR.

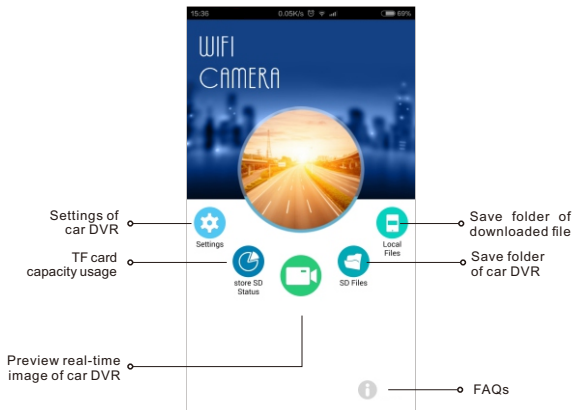


WIFI SSID: mini DV

PSSSWORD: 1234567890

APP user guide

1.Introduction for modules on Home Page



2.Camera Preview[

Click [Camera Preview] to enter interface as below. When car DVR is on recording, the red point blinks. You can carry smartphone horizontally to enter full screen mode (Need to open G-sensor of the smartphone).



Front/Back camera switch



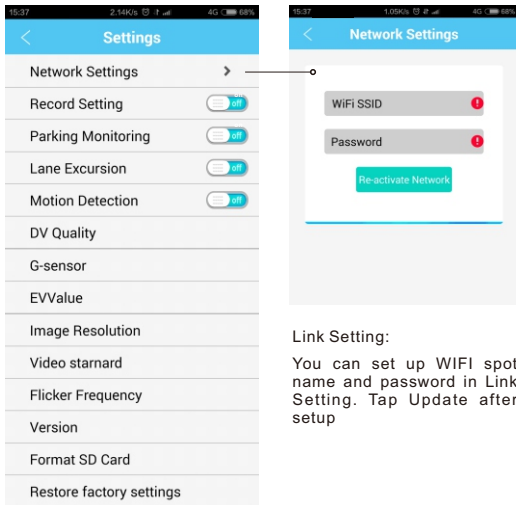
Recording mode

Start/stop recording
/photographing

Photo mode

3.Settings[⚙️]

Tap [Settings] to enter interface as below.

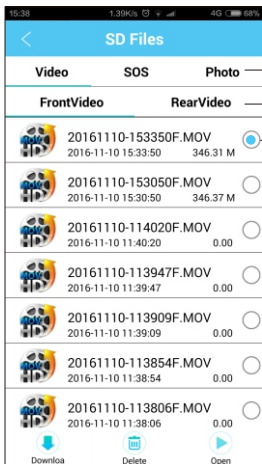


Link Setting:

You can set up WIFI spot name and password in Link Setting. Tap Update after setup

4.SD Card Files[📁]

Tap [SD Card] to enter interface as below. Select a file and download it to smartphone to play.



video / locked video /
picture files switch

front / back camera files switch

SELECTED prompt

PROMPT

1.File with a lock icon is SOS file (locked), video duration is from 15 seconds before collision to 15 seconds after collision.

2.Locked files are important and can't be covered by loop recording. When locked files are full of the memory card, car DVR will be warning with "DiDi" sounds. Then please delete the useless SOS files manually, or format memory card after confirming no import files inside.

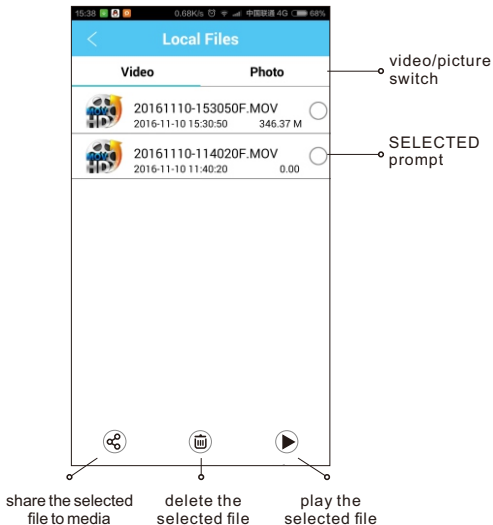
download the
selected file

delete the
selected file

play the
selected file

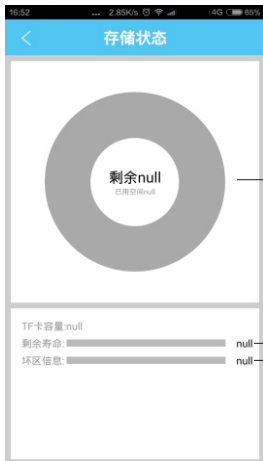
5.Mobile Phone Files[📱]

Tap [Mobile] to enter interface as below. The files in this folder are downloaded from SD card in car DVR. You can tap a file to play it.



6. Store TF card Status:[🔌]

Click Store SD card Status to check the store TF card status.



Memory usage messages

Residual life

Badarea Info

PROMPT

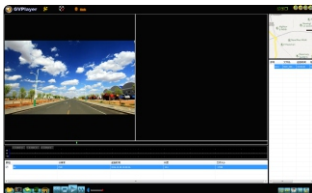
Need to use the special TF card to show the "residual life" and "badarea Info".

GPS route display

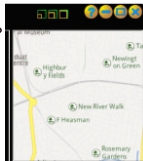
1.Install GVP player in computer.



2.Download recorded files to computer. Use GVP player to play the files.



Select map and language



GPS route

Functions of car DVR buttons

Select the suitable version corresponding to your smartphone.

5 Buttons version



Reset hole



Manually Lock



Sound Recording switch



WIFI switch



Video Recording switch



Power switch

2 Buttons version



Reset hole



Photograph button



Power switch

1 Buttons version



Reset hole



Power switch

Specifications

WIFI function	support
Sensor pixel	2.0 mega
Front lens	140 degree wide angle, MOV format
Video quality of front lens	Full HD 1080P 30FPS
Photographing resolution	1920x1080P
Back lens	110 degree wide angle, MOV format
Video quality of front lens	HD 720P
Photographing resolution	1280x720P
Picture format	JPEG
Picture resolution	1.2 mega
Display screen	no screen / display of smartphone
Installation method	Hidden installation
FCW	support
LDWS	support
Red Light warning	support (optional)
Fixed Speed Monitor warning	support (optional)
GPS route	support (optional)
Interval of video recording	seamless recording
Parking mode	Support
Automatic cover function	Support (exclusive of SOS files)
Loop recording function	1/3/5 mins clip for option

Sound recording	Support
Emergency collision detection	Support
Storage type	TF card
Capacity of memory card	Support max 32G (above class 10)
Aperture	F2.0
Network	IEEE802.11b/g/n wireless standard
Material of shell	high-temperature-resistant ABS + PC
WIFI effective range	20 meters
Wireless photographing	Optional
Built-in battery	300mAh

Recording Time

	8G TF	16G TF	32G TF
1080P	90mins	180mins	360mins
720P	180mins	360mins	720mins

Function Specifying

WIFI function:

Car DVR will send out WIFI signal after it turns on. The user can use the smart phone to operate Car DVR via APP after connecting to WIFI.

Video segmentation:

To ensure stability, recorded videos will be stored as segments in TF card (1/3/5 minutes for choice).

Loop recording:

It is no necessary to delete files manually when memory card is full. Loop recording will cover the early files (SOS files will be not covered).

PROMPT

SOS files will be not covered by loop recording. When memory card is full of SOS files, car DVR will be warning with “DiDi” sounds. You need to open APP and manually format memory card in Car DVR. Formatting will delete all files in memory card, please make sure to save important files, or delete useless SOS files.

Parking mode:

Use app to open parking mode (default close). After turning off engine, if any shake to car was detected, Car DVR will turn on automatically and keep recording for about 30 seconds, and then turn off automatically.

Collision detection:

G-sensor is built in Car DVR. If any heavy bumping or emergency breaking happens to the car, the sensor will be triggered, and the Car DVR will start to record for 15 seconds. The current video will be locked as SOS file.

Manually locking:

When driving, if you do not want the current video be covered by loop recording, please press the lock button  in car DVR. The 15 seconds recorded videos before and after this time will be locked.

PROMPT

Some models do not have this function.

Front collision warning system (FCWS):

The Car DVR will monitor the distances, direction and relative speed between front cars. When there is potential danger of collision, it will send out alarm.

Lane departure (LDWS):

If the user opens "LDWS", the Car DVR will collect the Lane mark lines continuously. When it detects the vehicle deviates from the lane, the sensor will collect the vehicle data and the operator's operating state, and sends out alarm.

Red light & speed camera warning:

First, the Red light & speed camera data will be integrated to firmware. When Car DVR detects Red light & speed camera in front, it will send out alarm.

GPS tracking display:

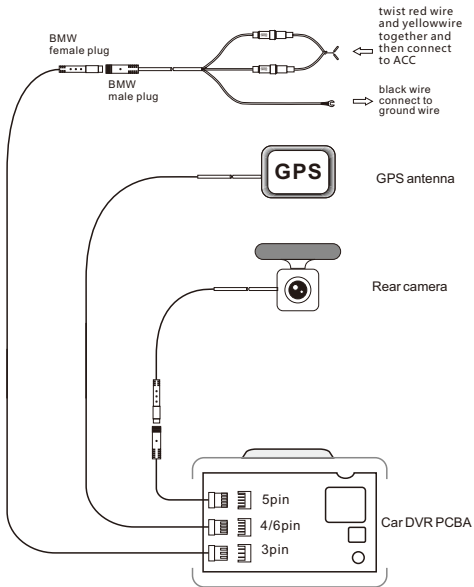
When using the specified media player to play the recorded video, it will show the track on map.

Installation and wiring

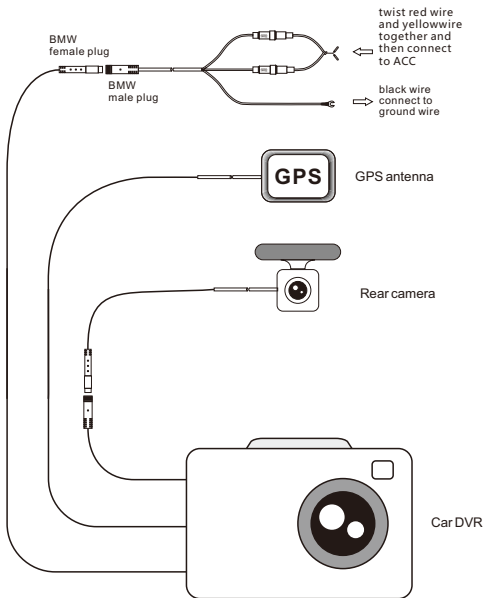
PROMPT We suggest you ask for help from professionals to install car DVR.

1. Make sure car DVR is power off.
Insert memory card into card slot.
2. For the car DVR with built-in battery, please twist together the ends of red wire and yellow wire, then connect them to ACC. Connect the black wire to ground port.

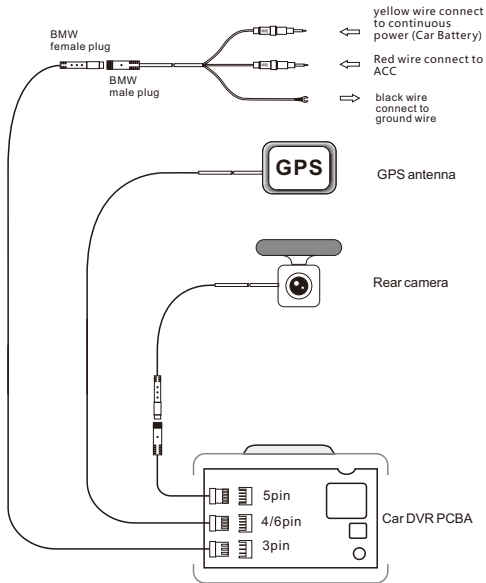
1) Powered from Fuse Box, Car DVR with inside battery 【1】



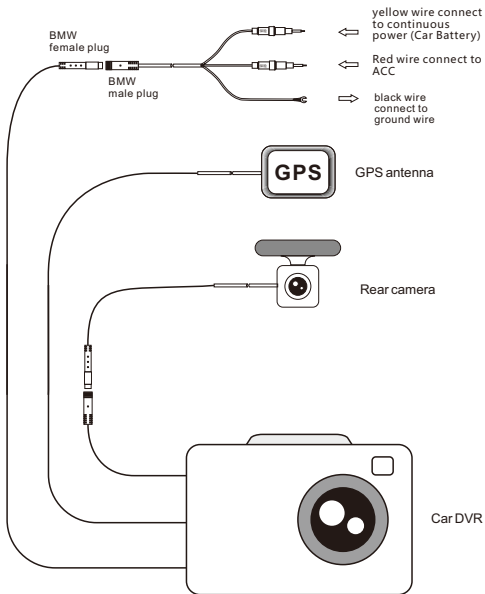
2) Powered from Fuse Box, Car DVR with inside battery [2]



3) Powered from Fuse Box, Car DVR without inside battery 【1】



2) Powered from Fuse Box, Car DVR without inside battery 【2】



The car wiring

According to the car model to select line connection method, and can consult the local distributor.

1)Cigarette lighter power supply wiring diagram ▼



2)Fuse box power supply wiring diagram (some car models of fuse box position is different) ▼



FAQ

Can't connect the WIFI:

1. Complete exit the APP program, open it again, or press the reset key on the device (the hole position on the right side of device need to insert by a hard thin stick)
2. Change the place (maybe there is interference sources near)
3. Whether closed wifi switch on the recorder

Can't record video:

1. Confirm whether insert MICRO SD CARD
2. Please format the TF CARD by APP, in "setting-format SD card".
3. Confirm whether damage the SD card

No image show on the camera preview:

1. Confirm connected WIFI
2. Confirm opened switch (default open)

App images are not fluent or can't real-time recording:

1. Turn off the background of unnecessary software
2. The phone near the recorder
3. Turn off APP and start again

Cannot turn on after connecting power:

1. Please make sure wire connect right.
2. Car DVR With built-in battery: Twist the red line and yellow line together, and then connect to car ACC, Black line grounding line in Fuse Box.
3. Car DVR without build in battery: Connect yellow line with constant power, red line with ACC, and black line grounding line in Fuse Box.

Display no memory card:

Make sure have TF card insert and TF card in good condition

Device Alarm:

This equipment adopts the storage partition mode: Ordinary videos take up 70% space, locked files take up 25% space, and picture take up 5% space. When device send out "DiDi" alarm, please manually remove locked file. Note to save important data.

Warning

When the accident occurred:

5 minutes after the accident, please manually stop video and download the video and store in the phone.

Not using the device for 7 days:

If not using vehicles for 7 days, when start the car DVR again, need to open the AAP connect the device once, to make sure device time and phone time the same.

When play the SD card document online:

When play the SD card document online, device will automatic stop recording video. Turn off the APP, Device restore the video.

Abnormal operation:

If you stop engine and restart within 1 minutes, the last video will not be stored.



↓ APP(Android)



↓ APP(IOS)

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

Note: 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.

***RF warning for Mobile device:**

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.