

User Manual

WIFI Car DVR

HD Hidden Car DVR

Hand-control WIFI version

Universal Instructions

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• Specifications

Chipset	: Novatek 96658
Display	: display on mobile phone/ display on car DVD player
Display resolution	: 1920 x 1080P
Lend angle	: 170 ° wide angle
Video Codec	: H.264 (*.MOV)
Video clip	: 1/3/5minute
Recording mode	: loop recording and seamless cover
Recording resolution	: HD,1080P, 30FPS/S
Video output	: NTSC/PAL (default NTSC)
Microphone	: support (default Open)
Memory Card	: 2G~32G TF/SD card, CLASS 6+
Power Supply	: ACC ignition
Battery	: no battery
Language	: Multilanguage
G-sensor	: 3 Axis (default Open)
Seamless Recording	: support
Time Mark	: support
Video Playback	: support
Working Temp	: - 3 5°C ~ 75°C

• App Installation and Connection

The App connects to car DVR via Android platform or iPhone platform

Hardware Requirements:

CPU: 1G dual core RAM: 512MB+
higher hardware configuration gets smoother video display

App installation and operation

1. App download and installation

For Android system, please download "FinalCam" from Application Market and install it (Please see Figure1 for its QR code).

For IOS system, please search "FinalCam" at Apple Store and install it. (Please see Figure2 for its QR code).



Figure1: QR code for Android



Figure2: QR code for IOS

2. Android system: Open WIFI connection on mobile phone, select WIFI ID of the car DVR (default name: CarDV_WIFI*) (Remark:"*"is MAC of the device). Enter the initial password 12345678 to build connection.

IOS system: Enter Setting menu and open WIFI connection on mobile phone, select WIFI ID of the car DVR (default name: CarDV_WIFI*) (Remark:"*"is MAC of the device). Enter the initial password 12345678 to build connection.

3. Android system: Open the installed App and click icon "+" at the top right corner (as Figure3). The App will connect the WIFI car DVR automatically. If not, please select the WIFI ID (default name: CarDV_WIFI*) (Remark:"*"is MAC of the device) to build connection (as Figure4).

IOS system: Open the installed App and click icon "+" at the top right corner. The App will connect the WIFI car DVR automatically.

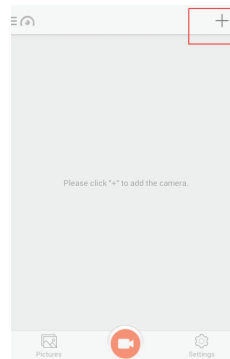


Figure3: add the device

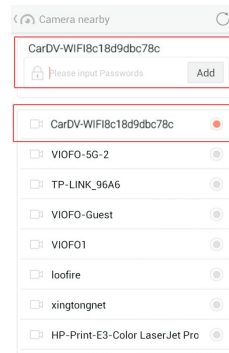


Figure4: connect the device

4. When WIFI connection has been built, the mobile phone will display the real-time images of car DVR and user will be able to operate the device (Android system and IOS system are same at the app interface). Please see App functions as Figure5.

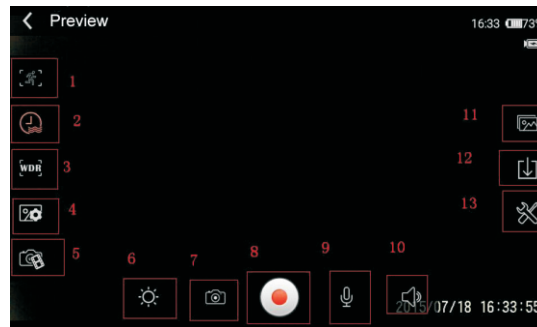


Figure5: App button and function

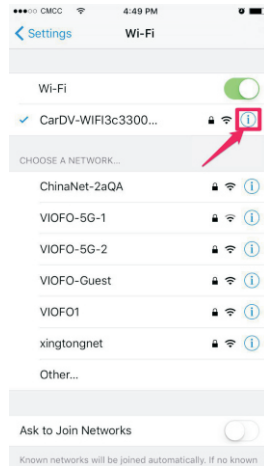
1. Motion Detection
2. Time Watermark
3. WDR
4. Video Resolution
5. Photo Quality
6. Display Brightness
7. Photograph
8. Video Record
9. Audio Record
10. Current System Audio
11. Album
12. Video Download
13. **Setting** (including Change camera's name and password, Format, etc)

Remark: For IOS system, there will be an extra function "Display photographing time" with button 2.

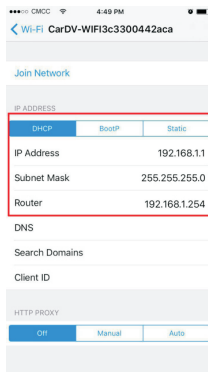
▪ Setting for using 3G/4G network under WIFI connection

Remark: Only suitable for IOS system. The setting for Android system will be similar.

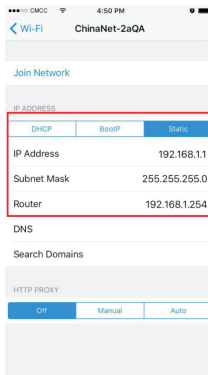
1. Open Setting in iPhone and enter "Wi-Fi" setting. Select the WIFI ID of car DVR, enter password and connect. After the connection has been built, click the icon "i" shown behind the WIFI ID (as the figure below):



2. Here we can see the mobile phone has got the IP information from the wireless DHCP server. Please make a note of the IP information.



3. Click "Static", it's empty in initial state. Fill the blanks with the recorded IP information (as the figure below).

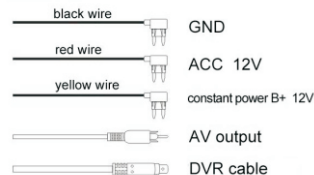


4. After setting up, click "cancel". The other operation will be same as the normal.

• Installation Guide

- ① Turn off the car engine.
- ② Insert TF card into card slot on the car DVR properly. **[Note]** Please use high speed TF card (above Class6). The maximum supported volume is 32GB.
- ③ Connect the red wire with ACC wire. Connect the yellow wire with constant power. Connect the black wire with negative of car battery. Connect the yellow AV plug to the AVI port of car navigator. Start engine and verify the wire connection is correct. When the red lights are lighting and flashing, the car DVR is power on and starting recording.

Wiring Instructions



• Button Function

Power on/off / Confirm

In standby mode, long press to power off, short press to record. In video recording mode, short press to stop recording. When operating menu, short press to confirm selection. When WIFI connection has been built, short press to cancel the connection.

WIFI / Time setting / Page down

In standby mode or recording mode, short press to open WIFI connection. When WIFI is open, short press to close WIFI. Long press to enter time setting menu, short press to tune down time in the time setting menu. In playback mode, short press to switch to the next clip.

Reset

If the car DVR crashed, short press to restart the device.

Indicator lights

When WIFI is closed, in standby mode, blue indicators are off, red indicators are constantly on. In recording mode, red indicators are strobing.
When WIFI is on, red indicators are off, blue indicators are constantly on. In recording mode, blue indicators are strobing.

Buzzer

Some models have Buzzer function. If coming with the Buzzer function, the car DVR will remind user once the device has been power on and working. If user has not inserted memory card or the memory card has been broken, buzzer will give an alarm. When the device is not in recording, buzzer will give an alarm to remind user the car DVR has stopped recording. If no operation within 25 seconds when the buzzer is alarming, the alarm will stop. It will start till the user operates the device again. If you need to close Buzzer function, please close it in setting menu.

Remark: The car DVR will start recording automatically in preview mode and WIFI mode.

• Operating Instructions

Use automatic recording function

The car DVR will power on and start recording automatically when the car starts, and the yellow indicators will be strobing. The car DVR will save the records and power off automatically when the car engine is turned off. The recorded images will be saved on memory card as clips. When the memory card is full, the new clips will cover old clips. [Note] The default recording time is 3 minutes.

Use manual recording function

In standby mode, short press button **Power on/off / Confirm**, the car DVR will start recording. Long press the button for 3 seconds, the car DVR will save the recorded images and then turn off.

Collision Detection function

A G-sensor is built in the car DVR. In recording mode, if there is any shock or swing happened to the device, the current video file will be locked automatically, and there will be a lock icon on top left of the screen. The locked video will be saved as a special file and can't be covered.

Open/Close WIFI function

In standby mode or recording mode, short press the button **WIFI/Menu/Page Down** to open WIFI, enter the WIFI interface to stop video output. User can connect the car

DVR with app. When the connection has been built, red indicators will be on. When WIFI is open, short press the button **WIFI/Menu/Page Down** to select "WIFI_OFF", WIFI will be closed after 2 seconds, and the video output will recover.

Menu button

In standby mode, long press button **WIFI/Menu/Page Down** to enter main menu, long press the button again the enter sub-menu. Short press **WIFI/Menu/Page Down** to select the item you want to set, short press the button **Power on/off / Confirm** to confirm. After setting up, long press the button **WIFI/Menu/Page Down** to quite the menu. The Menu button is invalid in recording mode.

Motion Detection function

If the Motion Detection function is opened, when the car DVR has detected any moving object nearby, it will start recording. If no moving was detected for 5 seconds, it will stop recording. The Motion Detection function can be closed in setting menu.