

WIFI Hidden Dash Camera



VT5004/5 series product manual, version number V2.0

If there is any error in the manual, the actual product specification shall prevail
Please read the manual carefully before use and keep it property

Welcome to choose our hidden dash camera! Please read the manual carefully before using our product in order to let you use this machine correctly. We will provide quality products and considerate service wholeheartedly.

Power cable and video cable, this dash camera has three power supply cables and two video cables, the connection method is as follows:

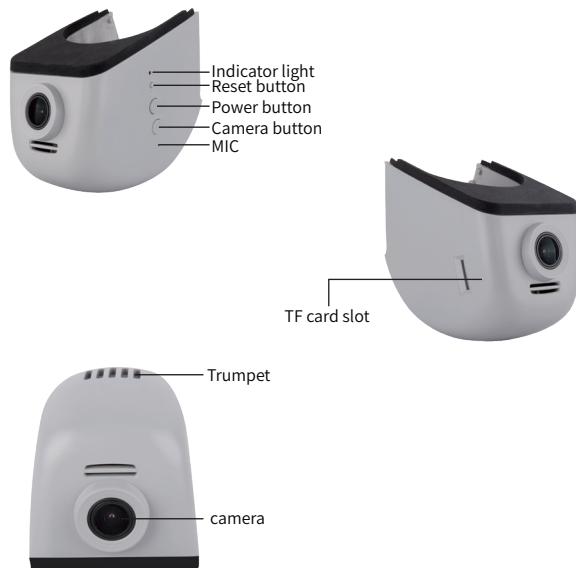
Wiring	Definition	Function
Yellow wire	12V normal power	Connect to the positive electrode of the car battery (BATT+)
Red wire	ACC 12V	Connect the car ACC power supply; when ACC is 12V, the dash camera is powered on
Black wire	GND	Grounding; connect to the negative pole of the car battery and ground
Two PIN connector	Video Output	Connect to the car DVD display (if not connected, please wrap it up with insulating glue and handle it properly)

Products Instructions

I. Introduction of basic function






II. Introduction of appearance

This product is a hidden dash camera. The appearance of the product varies according to different car models. The following models are for reference.



System status is indicated by a combination of red and blue lights. The red light is on when the power is on, The blue light flashing while recording. The red light is flashing when there is no card inserted or the SD card is faulty.

the red light is on when the dash camera stop recording; the indicator does not light up when system has no power

-  LED Indicator light
-  Reset
-  power supply
-  Photograph/Lock
-  Sound Recording/Mic

Reset Button: Short Press to reboot this device

Power: short press to turn start/stop recording; Long press 2 to 3 seconds turn on/off WiFi; Long press more than 5 seconds to shut down this device, Short press to boot up.

Photograph/Lock: Short press to take a picture under recording mode; long press 2 to 3 seconds start recording locked video; Long press 5 seconds to turn off the speaker sound (Button operation sound can not be turned off); Long press 15 seconds to reset this device.

(Note: There is a voice reminder with a beep when all the keys of this machine are operated. For example, short press the power button to stop recording with a beep, press and hold the power button without letting go when you hear the second beep sound, and then release your hand to turn off/on the WiFi; long press the camera button to hear the third beep sound and let go to turn off/on the local system speaker voice broadcast)

Dash camera APP download

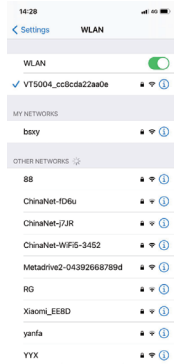
Please use your mobile to scan QR code



After the installation is complete, open the app and you will be prompted whether you want to confirm the permission to access the photos of the phone; click "Allow" to use the APP normally.

WiFi connection

WiFi turns on after the machine is powered on; III. When WiFi is turned on, the driving recorder will act as a WiFi hotspot, the default WiFi name is VT5004-****, and the password is 12345678;



Dash camera App connection operation After connecting to the WiFi of the device, enter the APP and click Connect to the recorder to enter the WiFi direct connection interface. The mobile phone can perform real-time picture preview, device settings, video and photo preview, download and delete operations on the recorder through the APP.

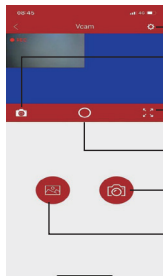
Reminders: 1. After the WIFI connection, if the APP does not display the picture, please turn off the mobile 4G network for the Android phone; for the Apple phone, you need to go to the phone settings to turn on the APP data mobile cellular.



Click to connect to the dash camera to enter the preview

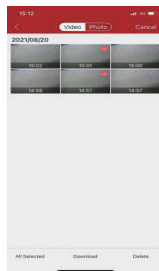


Click on the local album to browse the files that have been
Connect dash camera icon
APP Version information and usage help

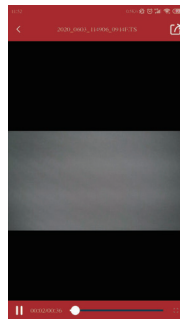
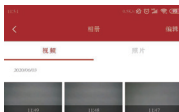


Dash camera function parameter setting
Switch between front and rear images (applicable to dual-channel version)
Graphical interface full screen
Stop/start recording button
Snapshot of the current screen of the recorder
Dash camera SD card album, click to enter to perform video playback and download to the local phone

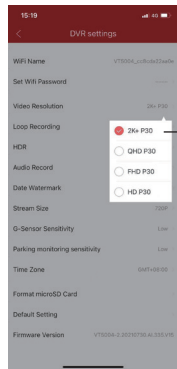
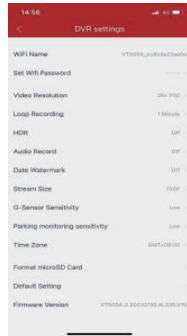
Click to connect to the dash camera to enter the preview
The recorder album preview operation, in the playback mode, you can directly click the file online play/delete and other operations, or click download to download and save the video file to the mobile phone:



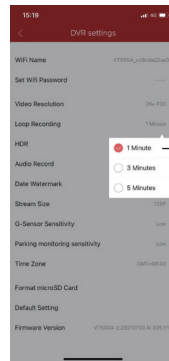
After downloading, the photos and videos of the memory card of the recorder will be saved to the local phone, and can be viewed, edited, and deleted offline in the APP local album. You can also choose to share to the cloud platform or social media:



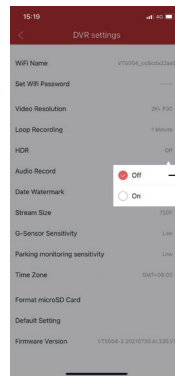
Basic function settings of the dash camera:



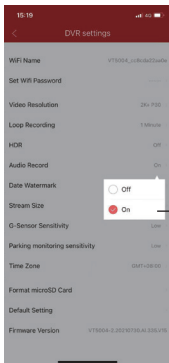
Video resolution: can be set 2k+30p/ QHD P30/FHD P30 /HD P30, default 1080P



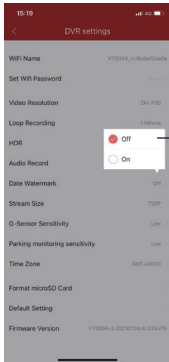
Loop recording: 1/3/5 minutes optional, default 1 minute



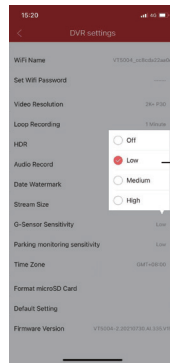
Set whether to open the HDR recording function: on/off, off by default



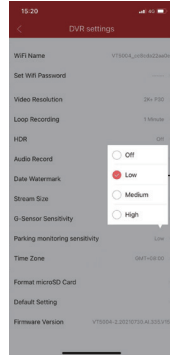
Set whether to record sound at the same time when recording: on/off, default :on



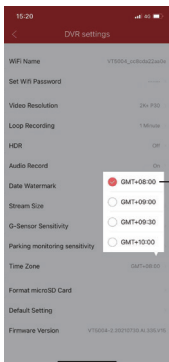
Set whether to display the time watermark logo in the video recording: on/off default :on



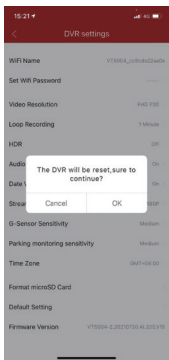
Set the collision sensitivity of driving process: off/low/medium /high, the default is medium



Parking monitoring: Set the sensitivity of collision sensing after stopping the flame, selectable off/low/medium/high



Time zone selection: default GMT+8:00 (Note: only products with GPS function will use the time zone setting)



Factory reset can restore all user settings of the camera to the initial settings.



SD card settings can clear all files in the TF card. Select "Format SD card" in the setting menu and click OK (it is recommended to format it once or twice a month to ensure that the storage fragments can be regularly organized to achieve the best recording effect). As shown in the figure:

Specification

Operation Voltage	DC12V
Working Current	One way: 170mA±10mA Dual Channel: 350mA±10mA (@DC12V)
Storage	Micro SD card (Support up to 32G, TF card)
Lens	F1.4 large aperture 6 full glass HD lens
Audio	Built-in microphone/8Ω1W speaker
Video Format	TS H.264 compression format
Audio Format	AAC
Photo Format	JPG
Video Resolution	1080P、720P
Working environment Temperature	-20°C~70°C
Working environment humidity	15~85%RH

VI. Dash camera accessories list and product qualification certificate

Serial Numb	Description	Quantit
1	Host	1
2	User manual (operation manual, common problems, precautions and customer use needs to know, accessories list, warranty card、product qualification)	1
3	Power extension cable	1
4	Class 10 high speed memory card	1

The content of the accessories list refers to the standard configuration recorder and information that should be included in the packaging box. It does not include other accessories you choose. If you also choose other accessories, please check it when you purchase the machine. The production date is based on the packing list.

★Note:In order to enable you to receive timely and effective services, please keep this list of accessories properly.

Product Qualification

Serial Number	Description	Recorder
1	Product Number	□ZS-L20
2	Inspection date	
3	Inspectors	

Notes and customer notices

I.Explanation about the flashing state of the indicator light of the dash camera:

1.The device starts recording video, the blue light flashes, it is normal working status; if the red light is always on, it means there is no memory card, or the device has not read the memory card。

2.During use, if you find that the red light flashes quickly, the blue light flashes abnormally, or the red and blue lights are constantly on, it means that the device is faulty or crashed, please check or power off, and you can reboot it through the reset button.If you can't solve it, you need to go to the store for repair.

3.When recording is stopped or in a dead state, it needs to be rebooted (shut down first then power on); or restart through the "reset button" to re-observe the light status. Only the blue light flashes can prove that the dash camera is in the normal working recording state.

4.Before leaving the car after the car is turned off, the user must observe whether all the lights are off to ensure that the dedicated dash cam has been powered off and the normal lights are all off in about 1 minute.

II. Notes on TF card:

1. Because emergency documents will be generated during driving, the owner must manually format the memory card 1-2 times a month.

2.TF card may cause too many fragments in the card due to repeated recording and storage, which will affect the normal storage of recorded videos and pictures on the TF card; regularly format the TF card with a mobile phone or computer to achieve the best recording and storage status.

3.When you need to replace the TF card, we recommend that you buy a memory card from a regular channel, and recommend using a Class 10 or higher high-speed TF card.

4.The TF card can be replaced if there is any non-artificial quality problem within 3 months after the recorder equipment is sold. After 3 months, we will not accept replacement.

III. Salesperson should inform and explain the obligation to the customers. Ensure that the content of this item is complete and inform consumers clearly and timely.

Notes And Customer Notices

I. This product is used to record related information such as images and sounds during the driving of the vehicle. The data saved by the instrument is only for auxiliary reference. Our company shall not be jointly and severally liable for any loss caused by any bad files or data loss caused by abnormal use of this product. We recommend using Class 10 or higher memory cards, and to avoid user misunderstandings, we make the following instructions:

Notes And Customer Notices

I. This product is used to record related information such as images and sounds during the driving of the vehicle. The data saved by the instrument is only for auxiliary reference. Our company shall not be jointly and severally liable for any loss caused by any bad files or data loss caused by abnormal use of this product. We recommend using Class 10 or higher memory cards, and to avoid user misunderstandings, we make the following instructions:

The machine must be in a normal state to record. But in the following situations will cause the loss of images.

1. legal removal of the memory card or any other abnormal operations during the recording process may result in the loss or loss of the last recorded file. 2. Loss or loss of video files caused by destructive collisions during the recording process.

II. During the using of the dash camera, please remember and do the following

1. Please use the dash camera permitted by law
 2. Please keep the dash camera manual properly, which contains the initial connection information of the dash camera.
 3. Carefully read Precautions and Customer Notice and operate under its requirements.
 4. If the recorder is directly connected to the car's power supply system, and the engine is not started, do not use the recorder for a long time, otherwise it will cause the car to lose power and fail to start.
 5. The normal working temperature range of this product is $-20^{\circ}\sim 70^{\circ}\text{C}$, please do not use the recorder in high temperature, low temperature or high humidity environment; avoid splashing the product or exposing it to rain and excessive dust density environment to avoid affecting the use of the recorder.
 6. This product will be upgraded irregular and some functions may differ slightly from this manual. For details, please refer to the actual functions of the product.
- Notes: This product is only for assist driving and cannot replace real-time manual operation or specific driving environment requirements

Warranty card

User Union

User Profile

User Name: _____ User Tele: _____

Post Code: _____ Email: _____

Address: _____

Product File

Product Name: _____

Product Serial Number: _____

Purchasing Date: _____

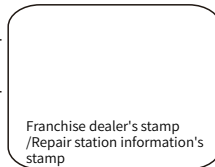
Invoice number: _____

Franchise dealer/Repair station information

Name: _____

Address: _____

Email: _____



Warranty card

Dealer Union

User Profile

User Name: _____ User Tele: _____

Post Code: _____ Email: _____

Address: _____

Product File

Product Name: _____

Product Serial Number: _____

Purchasing Date: _____

Invoice number: _____

Franchise dealer/Repair station information

Name: _____

Address: _____

Tele: _____

Email: _____



Warranty card

Archive Tele:

User Profile

User Name: _____ User Tele: _____

Post Code: _____ Email: _____

Address: _____

Product File

Product Name: _____

Product Serial Number: _____

Purchasing Date: _____

Invoice number: _____

Franchise dealer/Repair station information

Name: _____

Address: _____

Tele: _____

Email: _____

Franchise dealer's stamp
/Repair station information's
stamp

Warranty regulations

1. The warranty period of this product is one year.

Customers can enjoy the three guarantees service with the valid invoice or receipt of the purchased product and the warranty card. The product can be returned/exchanged within 7 days for non-artificial product quality problems from the time the product is sold: exchange or repair can be processed within 15 days; warranty can be carried out within one year. If the product has quality problems and needs to be repaired, please send this warranty card together with the purchased product to our company for after-sales repair.

2. During the warranty period, faults arising from normal use in accordance with the instruction manual (determined by the official staff of the company) will be repaired free of charge

3. During the warranty period, if one of the following situations occurs, it must be repaired for a fee

- ① Not able to provide this guarantee and valid proof of purchase
- ② Failure and damage caused by misuse and improper repair by yourself
- ③ Failure or damage caused by transportation, moving, or falling after purchase.
- ④ Failure and damage caused by other unavoidable external factors
- ⑤ Damage caused by water or other falling liquid caused by improper use
- ⑥ Damage caused by using a power supply other than the specified voltage or voltage
- ⑦ Damage caused by force majeure.

4. Product appearance and accessories are not covered by the warranty

5. The above guarantee is only made, and no other express or implied guarantees are made, including implied guarantees of merchantability, reasonableness and adaptability to a particular application and application; no matter in the contract, civil negligence, In other respects, the company is not responsible for any special, incidental or indirect damages. Six, beyond the warranty period, outside the scope of the warranty, failures caused by force majeure factors, maintenance costs will be charged.