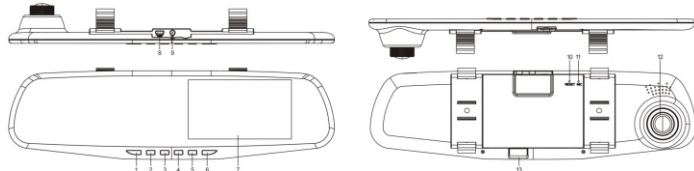


CAR CAMERA



Use Manual

Product structure description



Host keys and interface specification

| No. | Icon | Name | Operating instructions |
|-----|------|--|--|
| 1 | | Key switch machine | Long press the on / off; short press the on / off screen backlight; |
| 2 | | The menu key / button | Standby short press the key to transfer function setup menu; Continuous short press the key to switch between the settings menu; Recording mode, press the button to lock on the file, not be cyclic covering; |
| 3 | | Mode switch | For video / photo / the mode button to switch between playback function; |
| 4 | | Page up / front lens display switching/mobile detection / rewind | Menu options, select the function key to; Standby or video mode, insert the rear lens, a rearview camera / forward-looking lens / double image display can be switched on screen display; Long press to open the mobile detection mode, long press out again; Playback mode, press the button to rewind and replay the video; |
| 5 | | Turn down / recording key / fast forward / parking control | Menu options, downward selection function keys; Standby or video mode, opening and closing the recording quick key; Playback mode, press this button to fast forward playback of video; Standby mode, long press the key can open the parking control, again by a long closed parking control; |
| 6 | | OK confirm key/full screen button | Camera / camera / validation keys, camera mode short press this button to launch the on / off camera; Photograph mode, short press the key to take photos; menu mode to confirm key; long press the screen, again by a long normal state; |
| 7 | | Display | 4.3 inch 16:9TFT, high-definition display screen; |
| 8 | | The USB interface | Connect rear lens interface connected to a computer for data; |
| 9 | | DC power supply interface | Provide working power supply; |
| 10 | | Reset button | System restart reset button; |
| 11 | | Microphone | The tape receiving port; |
| 12 | | Front facing camera | For the production of images; |
| 13 | | TF card slot | TF memory card slot, please install according to the right direction prompt; |

Recorder installed

1. Insert a memory card: please follow the device memory card gap that direction is correct, insert a memory card, the memory card until the sound of a click, inserted in place so far.

Preface

Thank you for purchasing our products, is now in traffic accident evidence to the specialized development of a product; at the same time to meet the other occasions demand, can be used for meetings, monitoring and forensics, location shooting, video evidence, allows you to use one machine, let your life more rich and colorful.

This product is a blend of wide dynamic digital industry leading camera, no leakage of seconds, seamless circular camera, ultra wide angle shooting, with display real-time playback, mobile detection camera, parking guard technology in one; streamline design of unique fashion, favored by the vast number of consumers.

This manual will detail how to install, operate, product parameter and matters needing attention. Please read carefully and please keep before use, we hope that our products can meet your needs and long-term service to you! But as the specification parameters may be due to upgrade, update and other reasons do change, refer to the actual product, without prior notice. The manufacturer reserves without prior notice, to change the technology of direct rights.

Infringement of copyright or privacy notice

Please note that this product is for personal use only, its use shall not violate domestic or international copyright / privacy laws. The image is for personal use only recorded, not foreign free to publish spread; in addition the product record show, exhibition or commercial activities of the image may in some cases infringe copyright or the legal rights and interests.

Installation notes

This product should be installed near the rearview mirror, in order to get the best view.

To determine whether the lens in the windshield wiper range, ensure good vision, also good even in rainy environments.

Don't touch the lens with your fingers, because the finger grease may remain in the lens, resulting in camera or photography is not clear, please clean the lens regularly.

Matters needing attention

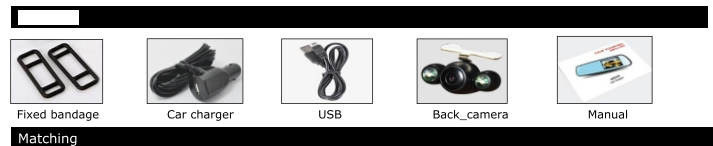
The use of the original factory standard charger

That can not be privately to dismantling machine, to avoid affecting the scope of warranty

The modified power line please find professional construction

Products accessories

Following the standard list and selecting list. If there is any missing or damaged items, please contact your dealer immediately.



Matching



The recorder video storage of high speed card, pay attention to the memory card must be high speed card (above CLASS10).

Note: the new card to card used for the first time please format matching the machine.

2. Remove the memory card memory card slot: Press, pop-up.

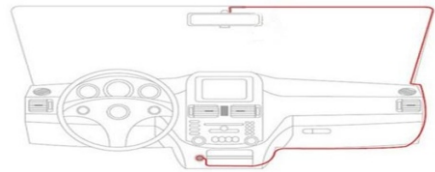
Note: the equipment in the boot state, do not remove or insert a memory card, so as not to damage the memory card.

3. Installed in the rearview mirror on the car

The equipment will be installed with the silica gel, the left position of the lens from the original car rearview mirror, equipment flat on the original car rearview mirror, strained silicon adhesive tape, hanging below the hook. The equipment will be fastened in the original car rearview mirror.

4. Connect the power supply

Please use the original charger factory standard, boot device and battery for the built-in rechargeable. Connect one end of the charger into the USB interface equipment, and the other end is inserted into the vehicle charger car port, automobile engine once launched device that automatically boot.



Note: the wiring can be car charger to extend the line along the car windscreen trim panel at the top hidden installation.

5. On / off device

① The automatic on / off: automobile engine once launched, it automatically boot device.

The device is turned on, start the automatic camera

Once the car flameout, the device will automatically save the record and in 15 seconds to turn off the power.

② The manual on / off: manual start, according to the host of the OK key is long, long shutdown is also host of the OK keys.

The initial setting recorder

Set the date and time:

1. because the machine is automatically boot camera function, need to press the OK button, the device enters the standby state.

2. then press the three times OK keys, by OK or OK choice set, and then press OK button to enter setting

3. By OK or OK keys for adjusting value, then press the button to enter another field. Until the completion date and time settings, click exit OK.

Recorder camera operation

1. when the automobile engine, which automatically boot and began recording equipment. When the engine flameout, automatic stop recording will. Or press the OK key. To manually stop recording.


Note: car charger interface some cars for constant power supply, when the engine flameout, will continue to power supply. If you encounter such a situation, please take the following steps: open / closing device manually, or car charger from automobile cigar lighter off.

2. Other types of: press the OK button, then start recording; press OK again to button, then stop the camera.





Note: ① every 2, 3, 5 minutes of video, it will save time, please refer to their circular camera menu.
② the equipment will save the stored video card, if a memory card capacity is full, then the memory card in the first file will be automatically covered.
③ for gravity sensing or emergency camera, video can not be overwritten, need to manually delete.

3. emergency camera





Recorder, camera operation

- 1. Short press , switch to camera mode, display the upper left corner of the screen camera icon.
- 2. Short press OK key to take pictures, take pictures when the screen flashes once, said a picture.

Video / photo playback operation

- 1, as in the video mode, press the OK key to stop the camera needs to.
- 2, short key, switch to the playback mode, the middle of the screen showingthe  icon.
- 3, press   ke ys can be up or down to select the file.
- 4, short press OK key to play the selected video files; another short pausebutton.

Menu operation

- 1, if you are a camera, click the OK button, stop the camera.
- 2, short press a button to bring up the set menu.
- 3, through short by  or  keys, can choose in the cycle setting up and down.
- 4, choose the settings to change, through short press OK key to enter thechange.
- 5, after the completion of installation of short press, pulled into the standby state.


Special function:

1, the gravity sensing function

When the gravity acceleration when starting, the machine will automatically at the time of the accident of video saved as do not delete the file.

When you take a shot to important events can be manually according to  key, lock the current video not deleted.

2. File locking function

Press the camera in the process of the  keys, the machine will save thecurrent video can not be deleted files.




3. Parking monitoring function

1) parking guard after the opening, when the vehicle flameout, driving recorder into the automatic shutdown procedures, the body if receivedexternal vibrations, the recorder will open the camera, automatic shutdown10-15 seconds after the record; when re detected body vibration, re start thecamera function.

2) Parking guard camera video, and file automatic lock.

Note: the role that parking guard function must be shut down automatically incase of the recorder, manual boot or shutdown, parking guard does not work.

4, Mobile detection function;

Open the mobile detection, short press OK key to start the camera, the camera automatically 10 seconds after switching to standby standby mobile detection. motion detection, there will be flashing  this icon in the upper left corner of the screen, when the detection of the moving objects, camerarecorder starts,  this icon flashes; mobile detection start time for 10-30 seconds, the machine into standby mobile detection automatic motion detection is finished. the upper left corner of the screen switch to the  iconflashes detected again; when an object moves, re start the camera function!

5, USB model

The USB line is connected to the computer, the recorder will automatically pop up the USB menu, there will be the following options:

- 1) disk
- Access in this mode can be video or photo file.

2) camera

Select this mode will bring up the USB video equipment, may carry on the real-time web photo or video chat, the use of a PC computer camera.

- 3) charging
- Select this mode can be used for charging the battery, products.

6. Battery instructions

Battery indicator, please refer to the:

 Sufficient power  A low power  Low battery  The electricity shortage

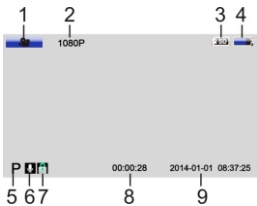
In the on vehicle power supply, red charging indicator exhibit of lanterns in the process of charging is lit, the charging time is about 180 minutes, the redcharge indicator exhibit of lanterns off automatically after charging.















Note: This equipment is to follow the vehicle driving state long time working,the built-in battery only for parking off to save the file and design, solidbattery operating time length is limited, please link vehicle power in daily use.

7. RESET

If in the use process, the machine is abnormal or crash situation, through theneedle fine through the holes touch shell press the RESET key to machinesystem reset operation.

Display interface Icon



- 1,  : The camera icon, said camera mode ;
- 2,  : Photo icon. said the shooting mode ;
- 3,  : Playback icon, said playback mode ;
- 4,  : Red flashes that equipment in the camera work ;  Said equipment in standby mobile detection ;
- 5,  : Indicates the current video format size ;
- 6,  : Said memory card has been inserted ;  : Said memory card has been pulled out ;
- 7,  : The battery power display ;
- 8,  : Open the parking control ;  : Parking control off ;
- 9,  : Recording on ;  : Recording off ;
- 7,  : The lock icon to display video ;
- 8, **00 : 00 : 28** : The video shows the time ;
- 9, 2014-01-01 08:37:25 : Display the current time; (the user can adjust);

Setup menu

| Menu options | Explain | The available options |
|------------------|---|--|
| Resolution | Set the video resolution | 1080FHD 、 720P、 VGA |
| Cycle recording | Set each video file length | 2 min, 3 min, 5 min, off; If you choose close, card will not be covered with automatic cycle. |
| AWB | Screen dim, need to fill in | Automatic / sunny / cloudy / incandescent light / fluorescence / |
| Exposal | Underexposure | -3/-2/-1/0/1/2/3 |
| Color | Individual choice | Null/mono/negative/ancient/light blue |
| Motion detection | Standby, automatic video detection to a moving picture | OFF/ON |
| Water mark | video shows the date | OFF/ON |
| audio | video sound open or closed | OFF/ON |
| Audio record | After the boot directly without manually open the video | OFF/ON |
| language | In the action menu language | Simplified Chinese / simplified first article / English / German / Japanese / French / Polish / Korean / Italian / Russian / |
| ferquency | Guangyuan frequency | 50HZ、 60HZ、 |

| | | |
|--------------------|--|--|
| Shutdown time | Prolonged shutdown | 20sec/1min/3min/5min/OFF |
| keytone | Key sound operation | OFF/ON |
| Back light time | display screen time | 1min/3min/OFF |
| Delay poweroff | Extend the time machine | 15sec/1min/2min |
| Paking_ monitoring | Parking stall, the body if received external vibrations, the recorder will open the camera | OFF/ON |
| Back_camera | rear camera system | VGA_PAL/VGA_NTSC |
| Voltage_ detection | After a low electrical protection can open, when DC power supply if the machine detect less than 10.5V will shutdown | OFF/ON |
| Date set | Date and time | Can set the year, month, day, hour, minute, second |
| format | storage card data delete | SD Card |
| Default set | default settings | Cancel / confirmation |
| Version info | Factory software version | The software version number |
| | | |

Product specifications:

| | | | |
|-----------------------|---------------------------------------|-------------------|---------------------------|
| Product name | Rearview mirror dual channel recorder | Date time | Support |
| Product features | 170 level is very wide, full HD 1080P | carrier medium | built-in (total: 1024MB) |
| display size | 4.3" TFT | Photo | 500M |
| Camera lens | 170 A+ level lens | Photo format | JPEG |
| Language | Multi language | Memory card | TF (Maximum support 32GB) |
| File format | MOV | Microphone | Support |
| Video resolution | 1920*1080P 1280*720P | sound | Built-in |
| Video format | H. 264, Audio: AAC | Parking control | Support |
| The effect of color | Standard | Video format | PAL/NTSC |
| loop video | Seamless loop video, no leakage. | current frequency | 50HZ/60HZ |
| Car switch machine | Support | USB function | 1: Back_camera 2: PC_data |
| Motion detection func | Support | Power interface | 12-24V 2A |
| | | Battery | Built-in 450mAh |

Troubleshooting

Under normal operating conditions, such as product problems, pleaseconsult the solution:

Cannot boot:

Check the recorder is correct and car charger, if the manual boot, check whether the low battery needs recharging. As a result of the program can be passed by the RESET reset key, restore to factory settings.

The camera automatically stop shooting, or non circular camera:

The HD video data is huge, possibly because the memory card reader can not keep up the pace. Please use the high speed TF card such as high speed C10 card.

Non circular camera also has the possibility is the gravity sensing functionopen, Cary memory is all locked file cause. Please send the gravity sensingis closed, and the memory card format.

Each time and set up recycling camera is not the same:

Check whether the open mobile detection function, because the cameramotion detection under the condition of long, depends on the picture has no moving.

Shoot the film is not clear:

Please check the lens have stolen goods, finger print. Please clean the lensurface before filming, keep it clean and tidy.

Shoot the film sometimes effect is good or bad:

Camera effect has the very big relations and photograph the lightenvironment, such as light, light, light intensity, will cause the shooting out of the video effect.

The images are fringe interference:

This is because of the mistake of "light frequency" under fluorescent lightgenerated.

When the machine

When you press "RESET" button to reset to restore restart.