



CAR CAMCORDER

Instructions before use

◆ The foreword in pieces

Thank you for purchasing the company vehicle traveling data recorder.

Before the formal use, please read this manual carefully, to ensure that the correct use of the product. Keep this manual for future use.

◆ Infringement of copyright warning

Please note that this product is for personal use only, the method of use shall not violate the goods infringe on domestic or international copyright laws. Even recorded images for personal use only, please note that in some cases to use this product to record performances, exhibitions or business activities of the images may infringe the copyright or other legal rights and interests of others.

◆ Matters needing attention

- please do not open or disassemble the product without authorization, which may lead to electric shock, or equipment damage. If you have any needs, please to service Heart or professional processing.
- the product can be used for other USES, such as photography, take, etc.
- please do not pile up on the equipment items, don't pressure according to the screen, otherwise may lead to a broken screen.
- do not use sharp objects touch screen, so as not to damage the screen.
- do not let children play with the equipment.

In the boot state pull out after the car charger from the cigarette lighter socket, equipment will be shut down. If you have the following situation, please
Purchase or service center:
- the charger is damaged or cable rupture.
- the casing damage, damage to the transformer, or revealing the internal parts;
Please note that the charger itself also consumes power, in the case of not to use, please pull out in the car charger from the cigarette lighter to avoid to steam

Car battery discharge.

◆The working conditions

- don't be exposed to high temperatures or direct sunlight, especially in the car. Avoid the equipment into the dust.
 - avoid in damp environment use. Please note that in a closed environment, the moisture in the air easy to condense and attached to the equipment On.
 - avoid touch and intense impact.
 - equipment and its accessories from flammable and explosive, corrosive liquid or gas.
 - cleaning equipment, please put down from the scaffold before it.
- Using a soft wet cloth clean screen and equipment surface.
- not to remove, modify or repair the equipment. This may lead to equipment damage. Please send special authorization service Center for maintenance.

◆Mixer temperature humidity

Equipment normal working temperature is $+0^{\circ} - +40^{\circ}$, the humidity is 10% - 80%.

Please place the equipment in a safe place

◆transport

- in the case of sudden changes in temperature or humidity, may cause moisture condensation inside the machine, which can cause

Prepare a short circuit.

- protect the machine, in order to avoid in the process of transportation into the dust or encounter collisions.
- transport equipment, please use the original packaging.

◆Car adapter (car charger)

Car adapter all can use in your car cigarette lighter socket (dc 12 or 24 v).

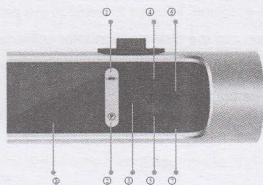
◆The basic function recorder

1. 1080 p / 30 FPS FHD low illumination high-definition video (720 p / 60 FPS)
2. A variety of metering mode selection
3. The built-in low illumination high pervious to light 148 degree lens
4. 1.5 inch LTPS highlight color
5. Impact sensitivity adjustment automatically lock file

6. A new concept of parking monitoring mode
7. Drive start simultaneously
8. Video support cycle
9. HDMI output port
10. The biggest support 32 gb TF card
11. Can charge while video
12. Image monitor the real-time output

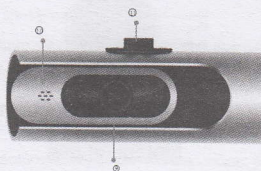
Product structure

◆ Front view

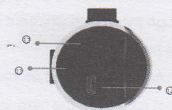


1. driving mode 2. parking mode 3. menu 4. up
5. down 6.OK 7.power 8. display

◆ Back view

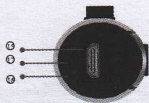


9. Camera 10. The speaker hole 11. Stent hole



- 12.TF slot 13. Light hole 14.USB

◆Left view



15.HDMI 16.reset 17.AV-OUT

Method of use

◆Insert the memory card

1. According to the instructions carefully insert the card into the card slot. Errors or rough insert memory card may lead to memory card or the card slot is broken.
2. Insert the memory card will be saved as image recording.
3. If the device does not recognize the card, please take out the insert to try again. If you still can't identify, may be the card is damaged
Card or device does not support this type of memory card. Please try to replace another memory card.
4. Please pay attention to often change the memory card and copy



content to other storage medium. Don't have burn on the video card

Program or run other executable file, it could erase the above data.

◆The startup and shutdown of equipment

Use the built-in battery, or connect car-mounted charger can boot device connected to computers.

◆Video mode

1. Boot device will automatically switch to video mode, after the left upper corner of the screen display video mode icon . 
2. Press the video button to start recording. Press the video button again to stop recording. In the process of recording, the screen will appear red flashing icon: 

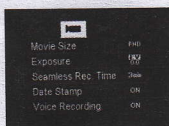


◆Setting options

1. Open the device, the machine automatically switch to video

mode. Press the menu button, enter the system:

Image/system parameters setting



◆Setting up the image parameters

1. In standby mode, press the menu button to enter the Settings menu option.

2. Use the ok button to enter submenu, use the up or down direction key, the selected configuration options. According to the confirmation key option is set.

◆Setting up the image parameters

◆Image resolution:

1920x1080@30fps/1280x720@60fps

metering:

The central metering/multipoint metering/single spot metering

Exposure to adjust:

【-2.0】 / 【-1.7】 / 【-1.3】 / 【-1.0】 * / 【-0.7】 / 【-0.3】 / 【0】 / 【+0.3】

/ 【+0.7】 / 【+1.0】 / 【+1.7】 / 【+2.0】

Seamless video:

1min/3min/5min

Date/time markers:

Open/close

Video:

Closed/open

Collision auto lock file:

Off/high/medium/low sensitivity

Parking monitor Settings:

Closed/open

Parking monitoring sensitivity:

High/medium/low sensitivity

When parking surveillance video display:

Closed/open

◆System Settings

Screen automatically shut down

Close / 1/3 minutes / 5 minutes

Power frequency

50HZ/60HZ

Time

2013/07/20 12:30

YY/MM/DD、DD/MM/YY、MM/DD/YY

Language

English/simplified Chinese/traditional

Chinese/French/German/Japanese/Korean/Russian/Spanish/

Portuguese

Memory card format:

Yes/no

Restore the factory Settings:

Yes/no

Firmware upgrade:

Yes/no

Firmware version:

Feature set

◆ Image resolution Settings

1. open the device, the machine automatically switch to video mode. Press the menu button, enter the system, select the image parameter setting
2. select the image resolution, the press of a key, for machine resolution Settings



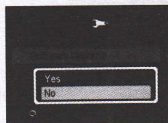
◆ The recording of close and open

In video mode, click on the "down" key to open or close the recording



◆ Playback modes

1. Open the equipment, automatically into video standby mode. Click on "up" button to enter the folder selection interface, select the folder to play. According to the menu button to exit.
2. Use the up and down buttons to select what you want to see video, press the OK key to view the file.



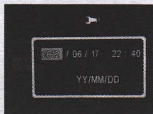
◆ Set the language

Open the device, automatic video into standby mode, use the menu to enter the menu, select options selected language, for language Settings.



◆The date and time

To set the current time and date, press the MENU button in standby mode, find time option, press the left or right to cut into time set, and then use the up and down arrow keys to select. Set the date and time after press OK, to confirm the Settings.



◆Parking mode

Unique parking mode functions: automatic into hibernation, when parked when vibration or collision automatic video. Video time every 20 s, customer can set the sensitivity level.

Operation method as follows:

1.Machine in normal driving mode, the video after the car flameout, click on the "parking mode" button, the interface of "P", in a couple of seconds, the screen tips "parking monitoring start".



2. the machine automatically closed, and work with a low current, when after the shock detection machines, video automatically, all video files to protect.

3.After the car lighter again, machine will be prompted to "a new lock file", the first by clicking on the "confirm" button, exit the prompt, press the button "" driving mode, enter the normal traffic pattern.



4.In the case of not connect the car charger into driving mode: standby mode, click on the "parking mode key once, showing" P ", and then long press the power button ,suggests that at this time into parking mode.

◆HDMI

This equipment through the HDMI cable, HDMI ports connected to the TV HDMI interface, hd audio and video signal can be output terminal display such as televisions.

◆Connect PC

Insert TF card case with a USB cable to connect computers, computer appears on a removable disk at this time, the device has reached the U disk mode. Under the mode of mobile hard disk, can be recorded by copying files or shear to play in the computer, also can remove the TF card, the use of card reader to read the data from the card.



LCD screen size	1.5 inch TFT
pixel	2M CMOS
lens	148 degrees high-definition wide Angle lens
Video resolution	720P@60fps, 1080P@30fps

Video format	H.264
Loop recording	1min/3min/5min
memory	TF max to 32G
USB	USB1.1/2.0
DC in	DC5V, 1500MA
frequency	50HZ/60HZ
Battery capacity	650mAH
Power consumption	280mA
Microphone/speaker	support
Parking monitoring mode	Support (parked automatically after entering hibernation, when a rattling or collision automatic video)
Automatic video	Car boot video function automatically
Language	English/simplified Chinese/traditional Chinese/French/German/Japanese/Korean /Russian/Spanish/Portuguese

Note: the specification may be due to the upgrade and update changes such as reason, In kind prevail

Simple question

In the event of failure, please try to use the following method. If you cannot be ruled out, please contact the after sales and maintenance.

Can't normal video recording

- change the TF card
- change the resolution, frames per second.
- insert the larger capacity memory card.
- make sure the card has been installed correctly (during the installation process, you should hear a clicking sound).
- delete unnecessary files from the memory card to release space.

Video is not clear

- ensure that the camera lens is clean.
- wipe off the dust and dirt on the lens, and then shoot.

Equipment to work normally, but the key does not work

- press the reset button to initialize the machine.

In general please careful reset initialization, the operation is likely to lead to loss of data.