Product structure

1.Power button   2.OK button   3.Menu   4.Down button
5.Up button   6.Parking monitoring button   7.Mode/Lock button
8.Len   9.Night lights   10.USB   11.AV-OUT
12.HDMI –OUT   13.Mic   14.TF Slot   15.LCD screen

1. the power button:
Features a: switch machine function
In the shutdown of the state, through the short press [power] can work to
boot into the standby state. Under the conditions of boot through long press
[power] can make video files are stored in the machine or set good do to
turn it off after all the data.
Open/close function 2: night lights
In standby, short video and take photos mode according to the [power] can
be opened/closed night lights

2.OK button :
 function 1: Open/close video recording.
In standby mode, short press [OK] open video, video is short press [OK]
stop video.
Function 2: camera
In photo mode short press [OK] to perform taking pictures.
Features three: file playback function

In playback mode short press [OK] can perform the play/pause video files.
Features four: confirm the function
Menu, set menus, pictures, the video playback menu option to set the operation to save to perform an action.

3. menu button:
Function: setting manu
In playback mode, select protect or delete the file

4.up button:
Function 1:in the menu choose function according to [up].
Function 2: there is video, to play the video files to the decrease of the volume, long press fast rewind.
Function 3: in video mode, short press [up] to open/close the microphone.

5.down button:
Function 1: choose by then [down] to the function in every menu features
Function 2: increase of the volume, long press fast forward.

6. parking monitoring button:
Function 1:   press the parking monitoring [parking monitoring] before the shutdown, then the machine P "along the right of the screen will be displayed, the machine will enter the parking mode. After parking mode to turn it off, if there is a foreign substance to the machine or the car, then the machine will automatically boot for video about 20 seconds to turn it off again.
if you want to cancel the function in the press stop monitoring after open parking mode , then P "in the upper left corner disappears, this represents the machine will not parking in execution mode function.

7. Mode/lock button:
Function 1 ： lock key
short press/lock key on current are video file fragments can lock or unlock the protection.
Function 2: mode switch

8. Motion Detection:

Open motion detection function, the camera will recording 10 seconds when it's detect any change in the video image it is receiving. and it's will be stop recording when there is no any change in the video image.

Memory card (TF)
TF card requirements:speed in CLASS6 TF card capacity is required.

Installation and TF card
1, according to the correct direction of the TF card insert TF card slot, until TF card is fixed in the card slot.
2, remove the TF card, please gently press down the TF card, after waiting for TF card pop-up can be removed.

Note:
1,please don't work in the machine when insert TF card, in order to avoid damage.
2, please pay attention to the direction of the TF card into, if reverse insert, it might damage the machine and TF card
3, when you will after the TF card into the machine, the machine is the TF card will be set to the default storage devices, the TF card information may not be able to read
4, if the TF card do not compatible with the machine, please insert it again again again or change the TF card try again.
5, support the highest 32 GB.

Adjust the position of the lens
The machine before the lens by bracket can rotate 360 degrees before and after, in order to better cooperate with the vehicle traveling data recorder fixed position, and achieve good effect.

Open and close the unit
1. The manual switch machine: short press the "power key" button once, the screen lights up, then long press "power" button can be realized to turn it off.
2. Driving automatic switch machine: access to the car first 5 v power supply, the car starts machine will start automatically after a delay and video.

The basic operations of a vehicle traveling data recorder

Switch work mode
This machine has three work modes: camera, taking pictures and playback mode. Press [Lock Key] can switch.

The Settings menu and system setting
In video or photographic mode, short press (menu), the "set menu" column is a blue background. According to/up/down button to choose the required set projects; Press [OK] to confirm Settings, press/lock key to exit the menu again.

System Settings
G-sensor: Off/1g/2g/3g/4g
Time/date:
Automatic shutdown: Off/3mins/5mins/10mins
Screen saver: off/1min/3mins/5mins
Keys: on/off
Language: English/simplified Chinese/traditional Chinese/Japanese/Korean/Russian/Spanish/Arabic/Dutch/French/German/Italian/Portuguese
TV modes: NTSC/PAL
Light source frequency: 50/60
as the fill light on/off
Image rotation: on/off
Formatting: cancel/sure
The default setting; Cancel/sure
Version: the version number

photography
The camera into the camera model, the top left corner of the screen has video signal, according to the confirm button start video, video screen when the top left corner of the symbol flashing, press [OK key] again to stop video, disappear in the upper left corner. At the same time;

Video mode option
Resolution: FHD 1080, 1080p, 720p, QVGA, VGA;

Loop video: close, 3 minutes, 5 minutes, 10 minutes;

Exposure compensation: EV - 2.0 EV - 5/3 when the EV - four thirds, EV - 1.0 EV - two-thirds, EV - a third, EV + 0.0, the EV + 1/3, EV + 2/3, EV + 1.0, the EV + four thirds, EV + 5/3 when, EV + 2.0

Mobile detection: on/off;

Video and audio: on/off

Date: on/off

G-senor: Off/1g/2g/3g/4g

Photo models and photo set

1, press the [power], the camera into the camera mode, press the lock key into photo mode, have a photo symbol at the upper left of the screen, at this time into the photo mode.

2, when the press [OK key], click a sound, a preview picture waiting, about 1 second later, take pictures, photos, caught the camera don't shake, as far as possible so as not to affect the image quality.

Shooting methods: single shot.

Resolution: 12 M, 10 M, 8 M, 7M, 5 M, 3 M, 2 M, VGA

Shoot: on/off

Image quality: Super fine/Fine/Normal

Sharpness: Sharp/Normal/Soft

White balance: automatic, daylight, cloudy, incandescent.

ISO: automatic, 100200.

Exposure compensation: EV - 2.0 EV - 5/3 when the EV - four thirds, EV - 1.0 EV - two-thirds, EV - a third, EV + 0.0, the EV + 1/3, EV + 2/3, EV + 1.0, the EV + four thirds, EV + 5/3 when, EV + 2.0

The hand shake: on/off

Quick preview: close, 2 seconds, 5 seconds

Date label: pass, date, date/time

Playback modes

1, browse the file:

When the vehicle traveling data recorder to complete the boot program and enter the camera mode, press lock key twice, at this time into the playback mode, press the button [OK] can to browse pictures audio data. Playback is browse by document type, respectively, when the file type is video, simply look at the video file, for the image, can only view picture.

2, remove and protection

In playback mode, press (menu) to delete and protection lock option, press key [OK] to enter "delete" current "delete all" option, press key [OK] to enter, press key [OK] to determine again. Before you can enter the lock to a file, unlock cannot delete, protect some important information.

Shortcut keys in the process of video application:
Press the lock key: emergency manual press lock key and unlock the current video file

Charging while video mode
Use the USB car charger is connected to the machine, boot that can enter the charge/video mode

Video is read and USB function.
Native support USB directly read, read the unit recorded video files can also directly connect the machine with computer with USB cable, or remove the TF card directly, using the card reader reads the TF card file.

PC CAM computer camera
This machine can be used as a computer camera, video camera connected to the computer with USB cable, the pop-up storage/camera option, press/up/down keys to move the selection to the cameras after press [confirm key] confirmed, open my computer, there will be, double-click the icon can be used when the computer camera.
When [OK] select memory, using a computer can check the card information

Connect the TV play
1, use the TV cable/HDMI cable can connect the high quality television replay
Tip: don't need to install the driver.

Product features
- large screen can more clearly see the effect of pre - recorded. Ultra wide Angle lens perfect combination design vision, more convenient to various occasions a multi-angle, high resolution video shooting

- 1/3 inch built-in low noise high quality sensor, can be in the dark places capture ultra clear picture
- built-in lithium electricity charge while video function
- built-in microphone/speaker
- support high capacity Micro TF card
- car boot video function automatically
- the delay start function, prevent damage of car instantaneous pulse current machine

G - sensor

lens	Ultra wide Angle lens 170
Option language	English/simplified
Video AVI video format	AVI
TF card slot	Micro TF
microphone	Built-in
Car power DC input	5V 1A
battery	lithium polymer batteries
System requirements	Windows 2000 /

Product structure

Image sensor	HD
LCD	2.31 inch LCD
Lens	full glass + high resolution
video specifications	AVI
image format	JPEG
AV output	AV output HDMI HD video
Transmission speed	USB2.0

Power interface	5V 1A
capacity	32 GB

Trouble shooting:

☆For problems in normal operating situation ,please try these methods below:

●Can't take photo and recording
Check the if the TF card has enough space or locked

●Automatically stop when recording
Use the compatible high-speed TF card with SDHC because of big HD video data, the high-speed TF card have identifying of C4 and C6

●Appear "files error" when replay photo or video
Uncompleted files because of TF card storage error, please use formatting function to format your TF card

●Unclear video
Checks if there are any dirt or fingerprint; and use lens paper to clear the camera len.
●Black image when recording sky or water scene
Scenes with big contrast will influence the automatic exposure function of camera; you can adjust "EV in setting mode to correct.

●Color is not perfect in cloudy day and outdoor light
Set the "white balance" function to automatic

●cross stripe interference in image
Because of wrong "light frequency", please set it to 50Hz or 60Hz according to the local power supply frequency

●Crash
Restart by pressing shortly on" RESET" button after crash