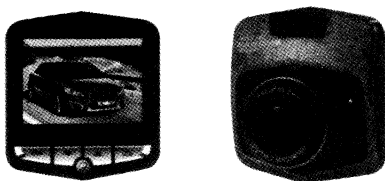


Vehicle traveling data recorder



User Manual

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 [mode] can switch.

The Settings menu and system setting

In video or photographic mode, short press (lock), 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

Parking mode: shut / 2 g / 4 g / 8 g

Time/date:

Automatic shutdown: shut/third/minute

Screen saver: shut / 3/5/10 minutes (automatic GuanBing)

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 machine is in addition to having the general function of vehicle traveling data recorder, there are four main features:

(1) high quality HD night vision acuity HDMI HD output

(2) quick lock video files or unlock function

(3) parking monitoring functions: open parking mode, on its own in the shutdown state can also on the surrounding environment to identify automatically switch on video and save protected files automatically.

(4) built-in G - Sensor, can record the gravity sensing information and on the basis of the car up and down, left and right, front and rear offset to determine when reaches a certain value as the abnormal of driving and automatic lock on the current video protection.

In order to better play to the maximum efficiency of the vehicle traveling data recorder, please read this manual carefully before use. (The design and accessories of the machine, specifications may have change, forgive us will not prior notice to you

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 [confirm key] again to stop video, disappear in the upper left corner. At the same time;

Video mode option

Resolution: FHD 1080, 1080 p, 720 p, WVGA, VGA;

Loop video: close, 1 minute, two minutes, 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: pass / 2 g / 4 g / 8 g

Lane migration: switch function, model, sensitivity, region choice, start speed, ON/OFF notifications

Photo models and photo set

1, press the [power], the camera into the camera mode, press the mode button 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 [confirm 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.

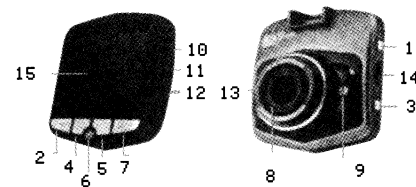
Resolution: 12 M, 10 M, 8 M, 5 M, 3 M, 2 M, 1.3 M, VGA

Shoot: on/off

Image quality: high quality, standard, economy

Sharpness: strong, standard, downy

Product structure



- | | | | |
|-----------------|------------------------------|----------------|----------------|
| 1. Power button | 2. OK button | 3. Mode | 4. Up button |
| 5. Down button | 6. Parking monitoring button | 7. 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.

White balance: automatic, daylight, cloudy, tungsten filament lamp,

fluorescent lamp

ISO: automatic, 100/200.

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 mode key twice, at this time into the playback mode, press the button [over] or [under turn key] 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, long press (lock) 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

Power button: when is the video short opening/closing according to [power] night lights.

Short press [over] close the microphone, state of the video, short press then [key] can quickly open/close the microphone.

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.

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. mode button:

Function: the mode switch

In video mode, short press [mode key] into picture mode at a time.

In picture mode, short press [mode key] into the playback mode at a time.

In playback mode, short press [mode key] into video mode at a time.

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.

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
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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.lock/menu:

Function 1 : lock key

short press/lock key on current are video file fragments can lock or unlock the protection.

Function 2: menu

In standby mode, short press the lock key into video menu, press it again to enter the Settings menu, in the Settings menu mode then/lock key will automatically exit to video mode.

In photo mode, short press the lock key into the photo menu, press it again to enter the Settings menu, in the Settings menu mode press/lock key will automatically quit again to photo mode.

In playback mode, short press the pattern lock into the file operations menu, press it again to enter the Settings menu, in the Settings menu mode then/lock key will automatically exit to playback mode.

8. lane migration:

To choose the models, the corresponding models, choose according to their own cars, and then select the region temporarily only support in mainland China and Taiwan, China started the speed when the car

is how speeds to launch this feature, the sensitivity is onset the sensitivity of the track, when on the orbit offset, on the road, when the speed to achieve the set speed recorder will line according to the path of the actual situation to determine whether the offset the driveway, if the migration, there will be a hint sound alarm, remind the driver drive has been offset, due to distraction or prevent driver fatigue caused by accidents.

9. mobile detection:

In video mode into the menu, open mobile detection function, when the detected images have change, automatic video saved 10 seconds of video.

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

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	FHD
LCD	2.2/2.31/2.36/2.4-inch HD 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