

行车记录仪



使用说明书

高清行车记录仪使用说明书

本机除了具备行车记录仪的通用功能外，新增了四大主要特点：

(1) 高清高画质 高清夜视晰度 车里车外双录摄像

(2) 快捷模式录影档或解锁档功能

(3) 停车监控功能：开启停车模式功能后，当车身受到震动会自动开机，录制 12 秒并保存该文档后自动关机。

(4)内置重力感应 G-sensor: 在正常录制过程中如车身受到碰撞机器会自动模式并且保存该段录制视频，避免文档被覆盖

为了更好的发挥行车记录仪的最大效能，请您在使用之前仔细阅读此手册（本机和附件的设计和规格如有变更，恕不另行通知）。

产品功能图片简介



- | | | | | |
|--------|----------|--------|----------|----------|
| 1 左镜头 | 2 IR 夜视灯 | 3 右镜头 | 4 上翻键 | 5 菜单键 |
| 6 确认键 | 7 下翻键 | 8 模式键 | 9 USB 接口 | 10 TV 输出 |
| 11 电源键 | 12.13 喇叭 | 14 复位键 | 15 TF 卡槽 | |

功能简介

A、11 电源键：

功能一：开关机功能

在关机的状态，通过短按[电源键]可以进行开机进入待机工作状态。在开机的状态下通过长按[电源键]可以使机子自动保存录影档或设置好的各项数据后执行关机动作。

功能二：开启/关闭夜视灯

在待机、录影、拍照模式下短按[电源键]可以开启/关闭夜视灯

B、6 确认键：

功能一：开启/关闭录影功能。

在待机模式下，短按[OK 键]开启录影.正在录影时短按[OK 键]停止录影。

功能二：拍照功能

在拍照模式下短按[OK 键]执行拍照。

功能三：档案播放功能

在重播模式下短按[OK 键]可以执行播放/暂停视频档。

功能四：确认功能

在录影菜单、设置菜单、拍照菜单、重播菜单下对所进行设置操作的选项进行确认保存执行动作。

C、8 模式键：

功能一：模式切换

在录影模式下，短按一次[模式键]进入拍照模式。在拍照模式下，短按一次[模式键]进入重播模式。

在重播模式下，短按一次[模式键]进入录影模式。

D、4 上翻键：

功能一：在各菜单里按[上翻键]进行上选功能。

功能二：录像时，对画面焦距进行放大

E、7 下翻键：

功能一：在各菜单里按[下翻键]进行下选功能。

功能二：录像时，对画面焦距缩小。

F、5 菜单键：

功能一、菜单键

在待机模式下，短按[菜单键]进入录影菜单，再短按一次进入设置菜单，在本设置菜单模式再按[菜单键]会自动退出到录影模式。

在拍照模式下，短按按[菜单键]进入拍照菜单，再短按一次进入设置菜单，在本设置菜单模式再按[菜单键]会自动退出到拍照模式。

在重播模式下，短按按[菜单锁]进入档案操作菜单，再按一次进入设置菜单，在本设置菜单模式再按[菜单键]会自动退出到重播模式。

功能二 快捷切换分辨率（切换摄像头录像）

在待机状态下，长按可切换分辨率为左摄像头录像 1280*720、右摄像头 1280*720、双录摄像 1920*720。

G、停车监控

功能一：在机器菜单选项里面打开[停车监控]功能，这时机子的屏幕左下角边沿就会有停车监控标志显示出来，这时机子就会进入停车模式。在停车模式下关机后，如果有外来物震动到机子或车子，这时机子会自动开机进行录影 20 秒左右再关机。

开启停车模式后如果想取消该功能，在机器菜单选项关闭即可，这时屏幕的左下角停车监控标志消失，这代表机子将不会在执行停车模式功能。

H、移动侦测：

开启此功能，当机器侦测到画面有变化时，会自动录影并且保存 10 秒的视频，然后停止录制。

存储卡（TF）准备

TF 卡要求：本机要求 TF 卡容量需要速度在 CLASS6 以上，建议使用 CLASS10 高速卡。

安装与拔除 TF 卡

- 1, 按照正确方向将 TF 卡插入 TF 卡槽，直至 TF 卡被固定在卡槽为止。
- 2, 取出 TF 卡时，请轻轻压下 TF 卡，待 TF 卡弹出后即可取出。

注意：

- 1, 注意：请不要在机器工作的时候拔插 TF 卡，以免损坏。
- 2, 请注意 TF 卡插入的方向，若倒转插入，可能会损坏机器与 TF 卡
- 3, 当您把 TF 卡插入机器后，机器即会将此 TF 卡设定为预设存储设备，原 TF 卡内的资料可能无法读取
- 4, 如果 TF 卡与机器不相容，请重新再插一次或再换张 TF 卡重试。
- 5, 支持最高 32G。

调整镜头的位置

本机前后镜头通过旋转前后 180，以便更好地配合行车记录仪的固定位置，获得较好的拍摄效果。

打开和关闭本机

- 1.手动开关机：短按[电源键]按钮一次，屏幕亮起，再长按[电源键]按

钮可实现关机。

2. 行车自动开关机：先接入车载 5V 电源，在汽车启动时经过延时后机会自动启动并进行录影。

行车记录仪的基本操作

切换工作模式

本机有三种工作模式：摄像、拍照和重播模式。按[模式键]可以切换。

设置菜单和系统设定

在摄像或者照相模式下，短按[菜单键]，此时“菜单设定”的栏位是蓝色背景。按[上/下翻键]选择所需设置专案；按[OK 键]确认设置，再次按[模式键]可退出菜单。

系统设置选项

时间/日期：

自动关机：关/1/3/5 分钟 屏幕保护：关/1/3/5 分钟

按键声音： 开/关

语言设置：英语/繁体中文/简体中文/日语/韩语/俄语/西班牙语/荷兰语/法语/德语/义大利语/葡萄牙语/土耳其语/泰语

TV 模式： NTSC/PAL

光源频率： 50/60 补光灯： 开/关

影像旋转： 开/关

格式化： 取消/确定

默认设置;取消/确定

版本：版本号

摄影

摄像机进入到摄像模式，屏幕的左上角有录影标志时，按[确认键]开始录影，录影时屏幕的左上角红色标志闪动，再按[确认键]停止录影，同时左上角的红色标志消失.:

拍照模式及拍照模式设置

- 1, 按下[电源键], 摄像机进入摄像模式, 按下[模式键]进入拍照模式, 屏幕的左上角有拍照符号时, 此时进入拍照模式。
- 2, 按下[确认键]时, 喀嚓一声, 出现图片预览等待, 大约 1 秒后, 拍照完成, 拍照时抓稳摄像机尽量不要抖动, 以免影响图片品质。

拍摄方式：单拍。

分辨率：12M, 10M, 8M, 7M, 5M, 3M, 2M, VGA

连拍：开/关

图像品质：超清晰, 清晰, 标准 锐度：锐利, 标准, 柔和

白平衡：自动, 日光, 阴天, 钨丝灯, 萤光灯

ISO：自动, 100, 200。

曝光补偿：EV-2.0, EV-5/3, EV-4/3, EV-1.0, EV-2/3, EV-1/3, EV+0.0, EV+1/3, EV+2/3, EV+1.0, EV+4/3, EV+5/3, EV+2.0

防手震：开/关

快速预览：关, 2 秒, 5 秒

日期标签：关, 日期, 日期/时间

重播模式

1, 浏览档:

当行车记录仪完成开机程式并进入摄像模式, 此时按[模式键]2次, 进入重播模式, 按[上翻键]或[下翻键]可对图片影音资料进行浏览。

2, 删除与保护

在重播模式下, 短按[菜单键]出现删除和保护加锁选项, 按[上下键]进入“删除当前”“全部删除”选项, 按[OK键]进入, 再按[OK键]确定。

也可以对档进入加锁, 解锁前就不能删除, 保护一些重要资料。

录影过程中快捷键应用:

电源键: 正在录影时短按[电源键]进行开启/关闭夜视灯。


3 边充电边录影模式

用车载充电器连接到机器的 USB 端, 开机即可以进入边充/录影的模式
录影读取及 USB 功能说明。

本机支援 USB 直接读取, 读取本机所录制录影档时可也直接将本机与电脑用 USB 线连接, 或者直接取出 TF 卡, 用读卡器读取 TF 卡中的档。

PC CAM 电脑摄像头

本机可以做为电脑摄像头使用, 用 USB 线将摄像机与电脑连接, 出现记忆体/摄像头选项, 按[上/下翻键]移动选择到摄像头后按[确认键]

确认后, 打开我的电脑, 里面就会有  , 按两下这个图示就可以当电脑摄像头使用了。

当[OK 键]选择 USB 存储时，使用电脑就可查看卡内的资料

连接电视机播放

用 TV 连接线可以连接高品质电视进行重播

提示：无需安装驱动程序。

产品特性

-超大屏幕可以更清楚的看到预录效果。双摄像头完美组合设计，

更方便于各种场合进行多角度，高解析的视频拍摄

-内置低噪度高画质感光元件，可在较暗的场合捕捉超清晰的画面

-内置锂电边充电边录影功能

-内置麦克风/喇叭

-支援大容量 Micro TF 卡

-汽车发动自动开机录影功能

技术规格

双镜头	双 120 度超广角
选项语言	英语/繁体中文/简体中文/日语/韩语/俄语/西班牙语/荷兰语/法语/德语/义大利语/葡萄牙语/土耳其语/泰语
录影视频格式	AVI
TF 存储卡槽	Micro TF 最大 32GB
麦克风/喇叭	内置
车载电源 DC 输入	5V 2A

电池	内置聚合物锂电池
系统要求	Windows 2000/XP/Vista/Windows 7,MAC OS x 10.3.6 以上

产品结构

图像感测器	FHD
显示屏	2.7 寸高清显示屏
镜头	全玻璃+级高解析多层滤光广角镜头
视频规格	AVI
图像格式	JPEG
输出	AV 输出

疑难解答：

在正常操作情况下，如果产品出现问题，请参考一下方法解决：

不能拍照、摄像 —— 检查 TF 卡是否有足够的空间、是否锁住。

录影时，会自动停止 —— 由于高清视频数据巨大，请使用与 SDHC 相容的高速 TF 卡，高速 TF 卡会有 C10 的标识。

重播图片和视频时，出现“档案错误”提示 TF 卡存储资料时发生错误，照成档案不全 —— 请使用摄像机“格式化”功能，重新格式化 TF 卡。

拍出的影像雾蒙蒙一片 —— 请检查镜头是否有脏物、手指印；进行拍摄前，使用镜头纸 擦拭镜头。

拍摄天空、水面等场景时，影像非常黑——在大的反差场景中会影响到摄像机的自动曝光功能，可以通过调整机器设置菜单中的“EV”值进行修正。

在阴天、室内光源下，颜色表现不够完美——请检查机器“白平衡”功能时候设置为自动。

图像中有横条纹干扰——这个是由于设置了错误的“光源频率”而产生的，请根据当地的供电频率，设置为“50Hz”或者“60Hz”。

当机机器出现死机时请短按复位键进行恢复重启。

Car camera with Dual lens



User Manual

HD vehicle traveling data recorder instruction manual

traveling data recorder, there are four main features:

(1) high quality HD video,2 cameras for front and back of passengers .

(2) quick lock video files or unlock function

(3) Parking monitoring function: 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) G-sensor: When the car crashes, the video file will be saved, those file name start EVE, and this file won't be deleted when cycle recording

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)



Product structure

- | | | | | |
|----------------|------------|----------------|------------------|----|
| 1. Left camera | 2.IR Light | 3.right camera | 4.Up button | 5. |
| MENU button | 6.OK key | 7. Down button | | |
| 8.MODE | 9.USB port | 10.TV out | 11.ON/OFF | |
| 12.Speaker | 13.Speaker | 14. Reset | 15. TF card slot | |

A、 11. **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

B、 **6.OK button (confirmed) :**

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.

C、 short press “MODE” key into photo mode ; under the photo mode ,short press “MODE” key to replay ; under the replay mode, short press “MODE” to enter recording mode .

D、 4.up button:

Function 1:in the menu choose function according to [up].

Function 1: at recording mode ,Zoom in on the focal length of the picture

E、 7.down button:

Function 1: choose by then [down] to the function in every menu features

Function 2: at Recording mode, Zoom out on the focal length of the picture

F、 5. menu button:

Function 1 : setting menu

1)Standby mode ,short press MENU to enter to recording menu ,then short press once more enter into Menu setting ; in the menu setting ,short press then exit to recording mode .

2)In photo mode short press MENU enter photo menu , short press again enter to menu setting ; short press once more exit to to photo mode .

3)In playback mode ,short press MENU enter to menu setting ,press one to go back to photo mode .

Function 2 fast switching resolution (switching camera video)

in the standby mode, long press the switch resolution for the left camera

video is 1280*720, right camera is 1280*720, dual recording camera is 1920*720.

G、 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.

H、 . 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. Suggest to use class 10 TF card .

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 [MODE] 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/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;

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 camera recorder to complete the boot program and enter the camera mode, press MODE key twice into the playback mode, press the button [UP] or [DOWN] 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, short 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 POWER 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 [ok] 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 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 dual

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	Dual Ultra wide Angle lens 120
Option language	English/simplified
Video AVI video format	AVI
TF card slot	Micro TF Max support 32 GB
microphone	Built-in
Car power DC input	5V 2A
battery	lithium polymer batteries
System requirements	Windows XP/Vista/Windows 7,MAC OS x 10.3.6

Product structure

Image sensor	FHD
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LCD	2.7 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 2A

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 lens.

● 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