

# Vehicle traveling data recorder

## HD vehicle traveling data recorder instruction manual

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)



## User Manual

# 行车记录仪



# 使用说明

## 高清行车记录仪使用说明

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) 高清画质 高清视频画质 HDMI 高清输出
- (2) 快速锁定/解锁文件/解锁文件功能
- (3) 停车监控功能: 开启停车模式功能后, 在关机状态下也能自行对周围环境进行判定自动开机录像并且自动保存保护文件。
- (4) 内置重力感应器 G-Sensor, 能记录下重力感应信息并且依据车子的上下, 左右, 前后的偏移量进行判定, 当达到一定值时默认行车出现异常并自动对当前的录影进行加锁保护。

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)。

## 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 at: 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.

## 产品功能图片简介



- 1 电源键
- 2 OK 键
- 3 模式键
- 4 上翻键
- 5 下翻键
- 6 停车监控键
- 7 锁定键/菜单键
- 8 镜头
- 9 夜视灯
- 10 USB 接口
- 11 AV 接口
- 12 HDMI 接口
- 13 喇叭
- 14 TF 卡槽
- 15 LCD 屏

### 1. 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]可以使车子自动保存录像文件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、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

### 2. OK键:

功能一: 开启/关闭录像功能。  
在待机模式下, 短按OK键开启录像, 正在录像时短按OK键停止录

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.

像。

### 功能二: 拍照功能

在拍照模式下短按OK键执行拍照。

功能三: 文件播放功能  
在回放模式下短按OK键可以执行播放/暂停视频文件。

功能四: 确认功能  
在录像菜单、设置菜单、拍照菜单、回放菜单下对所进行设置操作的项目进行确认保存执行动作。

### 3. 模式键:

功能一: 模式切换  
在录像模式下, 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]进入回放模式。  
在回放模式下, 短按一次[模式键]进入录像模式。

### 4. 上翻键:

功能一: 在各菜单里按下翻键进行上述功能。

功能二: 正在播放视频时, 对所播放的视频文件进行音量的减小, 长按快速。

### 5. 下翻键:

功能一: 在各菜单里按下翻键进行上述功能。

功能二: 正在播放视频时, 对所播放的视频文件进行音量的增大, 长按快速。

### 6. 停车监控键:

功能一: 在关机前如果按[停车监控键]一下, 这时机子的屏幕右边就会出现 P 字母显示出来, 这时机子就会进入停车模式, 在停车模式下关机后, 如果有外来物体碰到车子或车子, 这时车子会自动开机进行录像 20 秒左右再关机。

开启停车模式后如果想取消功能, 在按停车监控键一下, 这时屏幕的左上角 P 字母消失, 这代表车子将不会在执行停车模式功能。

功能二: 正在播放视频时, 对所播放的视频文件进行音量的增大, 长按快速。

功能三: 正在播放视频时, 对所播放的视频文件进行音量的减小, 长按快速。

功能四: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能五: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能六: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能七: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能八: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能九: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能十: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能十一: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能十二: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

功能十三: 在待机、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

## Product structure



- 1.Power button
- 2.OK button
- 3.Mode
- 4.Up button
- 5.Down button
- 6.Parking monitoring button
- 7.Lock button
- 8.Night lights
- 9.Mic
- 10.USB
- 11.A/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.

## 产品功能图片简介



- 1.电源键
2. OK 键
- 3.模式键
- 4.上翻键
- 5.下翻键
- 6.停车监控键
- 7.锁定键/菜单键
- 8.镜头
- 9.夜视灯
- 10.USB 接口
- 11.AV 接口
- 12.HDMI 接口
- 13.喇叭
- 14.TF 卡槽
- 15.LCD 屏

### 1. 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]可以使相机自动保存录像文件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、录像、拍照模式下短按[电源键]可以开启/关闭夜视灯

### 2. OK键:

功能一：开启/关闭录像功能。

功能二：开启/关闭录像，正在录像时短按[OK键]停止录像在待机模式下，短按[OK键]开启录像，正在录像时短按[OK键]停止录像

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 review.

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, if there 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, an 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

### 7、锁定键/菜单键:

功能一：锁定键  
正在录像时，短按[锁定键]可以对当前正在录像的文件片段进行加锁保护或解锁。

功能二：菜单键

在待机模式下，短按[锁定键]进入录像菜单，再按一次进入设置菜单，在本设置菜单模式下再按[锁定键]会自动退出到录像模式。

在回放模式下，短按[锁定键]进入文件操作菜单，再按一次进入设置菜单，在本设置菜单模式下再按[锁定键]会自动退出到回放模式。

8、车道迁移:

先选择车型，根据自己的车选择对应的车型，然后选择地区，暂时只支持中国大陆和中国台湾，启动车速是当在的行驶速度达到多少才启动这个功能，灵敏度是偏移轨道的敏感度，当轨道偏移打开后，在道路上行驶，当车速达到设定的速度时，记录仪会根据道路的虚实线来判断是否偏移了车道，如果偏移了，会出现提示报警声，提醒司机车道已经偏移，防止司机因走神或疲劳引发的安全事故。

9、移动侦测:

在录像模式下进入菜单，开启移动侦测功能，当侦测到画面有变化的时候，自动录录像保存10秒钟的视频。

### 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, 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。

is how speeds to launch this feature, the sensitivity is offset 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

### 调整镜头的位置

本机前镜头通过支架可前后 360 度旋转，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入录像。

### 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: 录像、拍照和回放模式。按[模式键]可以切换。

#### 设置菜单和系统设定

在录像或者照相模式下，短按[锁定键]，此时“菜单设定”的栏位是蓝色背景，按[上下翻键]选择所需设置项目；按[OK 键]确认设置，再次按[锁定键]可退出菜单。

#### 系统设置选项

停车模式: 关/26/46/86

时间/日期:

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 menu. Press [model] 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/1hr/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  
Format: cancel/sure

**自动关机:** 关/1/3/分钟

屏幕保护: 关/3/5/10 分钟(自动关闭)

按键设置: 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/阿拉伯语/荷兰语/法语/德语/意大利语/葡萄牙语

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**

摄像机进入拍摄模式，屏幕的左上角有录像标志时，按【确认键】开始录像，录像时屏幕的左上角 标志闪烁，再按【确认键】停止录像，同时左上角的 消失；

**录像模式选项**

分辨率: 1080FHD, 1080P, 720P, WGA, VGA;

循环录像: 关, 1 分钟, 2 分钟, 3 分钟, 5 分钟, 10 分钟;

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

移动检测: 开/关;

录像选项: 开/关

重力感应: 关/2G/4G/8G

车速偏移: 功能开关, 车型, 灵敏度, 地区选择, 启动车速, ON/OFF 提示音

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 p, 720 p, WGA, 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-sensor: 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

拍摄模式及拍照模式设置

1, 按下电源键，摄像机进入录像模式，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，咔嚓一声，出现图片预览等待，大约 1 秒后，拍照完成，拍照时抓拍摄像机尽量不要抖动，以免影响图片质量。

拍摄方式: 单拍。

分辨率: 12M, 10M, 8M, 5M, 3M, 2M, 1.3M, VGA

连拍: 开/关

图像质量: 优质, 标准, 经济

锐度: 强烈, 标准, 柔和

白平衡: 自动, 日光, 阴天, 钨丝灯, 荧光灯

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

日期预览: 关, 日期, 日期时间

回放模式:

1, 浏览文件;

当行车记录仪完成开机程序并进入录像模式，此时按模式键 2 次，进入回放模式，按上翻键或下翻键可对图片影音资料进行浏览。回放时是按文件类型分别浏览，当文件类型为录像时，只能浏览录像文件，为图片时，只能浏览图片。

2, 删除与保护

在回放模式下，长按确定键出现删除和保护加锁选项，按 OK 键进入“删除当前”“全部删除”选项，按 OK 键进入，再按 OK 键确定。也可以对文件进入加锁，解锁前就不能删除，保护一些重要资料。

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.

Changing white 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.

录像过程中快捷键应用:

按锁定键: 紧急情况下手动按锁定键对当前的视频文件进行加解锁

电源键: 正在录像时短按[电源键]进行开启/关闭夜视灯。

短按[上翻键]关闭麦克风, 在录像状态, 短按[下翻键]能快速开启/关闭麦克风。

边充边录录像模式

用车载充电器连接到机器的 USB 端, 开机即可以进入边充边录的模式

录像读取及 USB 功能说明。

本机支持 USB 直接读取, 读取本机所录制录像文件时也可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 卡中的文件。

PC CAM 电脑摄像头

本机可以作为电脑摄像头使用, 用 USB 线将摄像头与电脑连接, 出弹出存储器/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 图标, 双击这个图标就可以当电脑摄像头使用了。

当 OK 键选择存储器时, 使用电脑就可查看卡内的资料

连接电视播放

1, 用 TV 连接线/HDMI 连接线可以连接高品质电视进行回放

提示: 无需安装驱动程序。

产品特点

超大屏幕可以更方便的看到预览效果, 超广角镜头完美组合设计, 更方便于各种场合进行多角度, 高解析的视频拍摄

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

-内置 1/3 寸低噪音高画质感光元件, 可在较暗的场合捕捉超清晰的画面

-内置锂电边充边录录像功能

-内置麦克风/喇叭

-支持大容量 Micro TF 卡

-汽车发动自动开机录像功能

-真延迟启动功能, 防止汽车发动瞬间电流损坏机器

-重力感应 G-SENSOR

技术规格

镜头

170 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/阿拉伯语/荷兰语/法语/德语/意大利语/葡萄牙语/

录像视频格式

AVI

TF 存储卡槽

Micro TF

麦克风/喇叭

内置

车载电源 DC 输入

5V 1A

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

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, dateline  
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 browser 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.  
Changing 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.

录像过程中快捷应用:  
按锁定键: 紧急情况下手动按锁定键对当前的视频文件进行加解锁电源键: 正在录像时短按电源键进行开启/关闭夜视灯。  
短按上翻键关闭麦克风, 在录像状态, 短按下翻键能快速开启/关闭麦克风。  
边充电边录像模式  
用车载充电器连接到机器的 USB 端, 开机即可以进入边充电录像的模式

录像读取及 USB 功能说明。  
本机支持 USB 直接读取, 读取本机所录影像文件时可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 卡中的文件。  
PC CAM 电脑摄像头  
本机可以做为电脑摄像头使用, 用 USB 线将摄像头与电脑连接, 出弹出存储器/摄像头选项, 按 [上下翻键] 移动到选择到摄像头后按 [确认键] 确认后, 打开我的电脑, 里面就会有 [PC CAM], 双击这个图标就可以当电脑摄像头使用了。  
连接电视机播放  
1, 用 TV 连接线/HDMI 连接线可以连接高品质电视进行回放  
提示: 无需安装驱动程序

产品特点  
超大屏幕可以更清楚的看到取景效果。超广角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

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

<b>G-SENSOR</b>	Ultra wide Angle lens 170
lens	

-内置 1/3 寸低噪高画质感光元件, 可在较暗的场合捕捉超清晰的画面  
-内置锂电边充电边录像功能  
-内置麦克风/喇叭  
-支持大容量 Micro TF 卡  
-汽车发动自动开机录像功能  
-内置延迟启动功能, 防止汽车发动瞬间电流损坏机器  
-重力感应 G-SENSOR

### 技术规范

镜头	170 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 / 阿拉伯语 / 荷兰语 / 法语 / 德语 / 意大利语 / 葡萄牙语 /
录像视频格式	AVI
TF 存储卡槽	Micro TF
麦克风/喇叭	内置
车载电源 DC 输入	5V 1A
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

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	2.31 -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  
Senses 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

### 产品结构

图像传感器	FHD
显示屏	2.31 寸高清显示屏
镜头	全玻璃, 级高解折多层滤光广角镜头
视频规格	AVI
图像格式	JPEG
视频输出	AV 输出 HDMI 高清输出
传输速度	USB2.0

电源接口	5V 1A
容量支援	最大 32GB

### 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、录像  
➢ 检查 TF 卡是否有足够的空间, 是否锁住。  
● 录像时, 会自动停止  
由于高清视频数据巨大, 请使用与 DVR 相容的高速 TF 卡, 高速 TF 卡会有 C6 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, 请使用摄像头 "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"。  
● 当机当机后请短按复位键进行恢复重启。