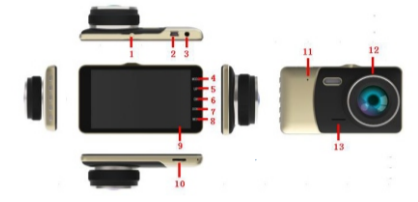


### 产品说明书

**产品说明**

- 产品结构



- 背夹固定钩
- USB 数据接口
- 后拉摄像头接口
- 模式选择键
- 向上选择按钮
- OK 键
- 向下选择按钮
- 菜单键按钮
- LCD 屏电源开关按钮
- TF 卡槽
- REST
- 镜头
- 喇叭

**按键功能说明：**

- 背夹固定钩：安装固定录影仪
- USB 数据接口：①用于连接 PC 传输数据；②用于连接外接电源给电池充电或提供工作电源；
- 后拉摄像头接口
- GPS 预留接口
- 向上选择按钮：菜单选项中，向下选择功能键；
- OK 键录像和拍照确认按钮/电源开关键：拍摄模式下，短按此键开始录像，再次短按停止录像；拍照模式下短按此键

拍摄照片：菜单模式下为确认按钮；/ 短按开机；长按关机。

- 7) 向下选择按钮：菜单选项中，向下选择功能键；
- 8) 模式选择按钮/菜单按钮：短按此键在摄像/拍照/回放之间相互切换；
- 9) LCD 屏：图像显示屏
- 10) TF 卡槽：存储卡插槽
- 11) REST：当机重启恢复孔；
- 12) 镜头：取景窗口；
- 13) 喇叭：播放视频或者有声文件的扩音孔,操作音提醒；

**特别功能说明：**

- 自动开关机：支持连接车载电源后，汽车启动自动开机录像，熄火自动保存录像并关机；
- 不漏秒：移动侦测：支持待机状态静止的情况下，前方如果有目标物移动，会自动将其移动过程全部记录下来。

**摄像、拍照基本操作说明：**

- 开机与关机
- 按压 电源键一次开机，蓝色指示灯会在开机时亮起；再次按压 电源键是关机，此时蓝色指示灯熄灭；  
注意：录像仪在低电量时会提示电池电压低后自动关机
- 摄像模式：短按模式选择键/菜单键按钮，切换到摄像模式，屏幕左上角显示摄像图标；

短按 OK 键开始摄像，摄像图标会出现闪烁红点，表明录像工作中；

- 拍照模式：短按模式选择键/菜单键按钮，切换到拍照模式，屏幕左上角显示拍照图标；短按 OK 键拍照，拍照时屏幕闪烁一次，表示拍照完成。
- 视频照片回放：短按模式选择键/菜单键按钮，切换到回放模式，屏幕左上角显示回放图标；短按 键可以向上选择文件；短按 键可以向下选择文件；短按 OK 键播放选择的视频文件；
- 菜单设置：长按模式选择键/菜单键按钮一下，进入视频设定状态，此时“视频图标”的栏位为黄色背景，短按模式选择键/菜单键按钮，退出设定状态。

在调出的设置项中，通过 键，可以在设置子项中上下选择切换，短按 OK 键进入设置子项；

- 时间设置：长按模式选择键/菜单键按钮进入设定状态，通过 键选择日期时间选项，短按 OK 键进入，可以在年/月/日/时/分/秒之间相互切换，通过 键调整需要数值，按 OK 键确认修改；

**USB 模式**

将 USB 线与电脑连接，接开机键后，行车记录仪将自动弹出 USB 菜单，有以下两种模式可供选择：

- USB-Disk

在此模式下可进行视频文件或者照片文件的存取；

- PC 摄像头

选择此模式将弹出 USB 视频设备，可进行实时拍照或者视频聊天；

**电池充电说明**

有三种方法可以对电池充电，红色充电指示灯会在充电的过程中亮起，整个充电时间大

约为 180 分钟，红色充电指示灯会在充完电后自动熄灭。

- 使用电源适配器充电
- 使用 PC-USB 充电
- 使用车载电源充电

备注：当使用此产品因操作不当引起当机现象，可以摘除电池或按复位键后再开机，即可恢复正常。

- 产品规格

产品名称	车载行车记录仪
产品特点	高清摄像头，高清录像。
颜色	定制
显示屏	高清显示屏
镜头	170 度 A+级高解析广角镜头
语言	俄、日、法、意、德、西、英、中文（简）、中文（繁）、韩 等
文件格式	AVI
录像分辨率	最大 1080P
录像视频格式	M-JPEG
循环录像	无缝循环录像，不漏秒
随车开关机	支持汽车打火开机，熄火关机
移动侦测功能	支持
年月日分	支持
照相模式	500 万
照片格式	JPEG
存储卡	TF (最大支持 32GB)
后拉摄像头	支持
停车监控	支持
麦克风	支持
内置音响	支持
视频格式	PAL/NTSC

**疑难解答：**

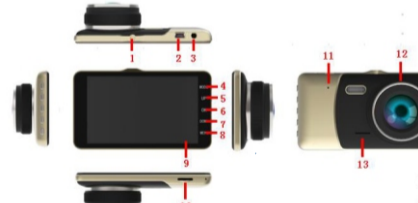
在正常操作情况下，如果产品出现问题，请参考一下方法解决：

- 不能拍照、摄像：检查 TF 卡是否有足够的空间，是否锁住。
- 录像时，会自动停止：由于高清视频数据巨大，请使用与 SBC 兼容的高速 TF 卡，高速 TF 卡会有 C1 或者 C6 的标识。
- 重播照片和视频时，出现“档案损坏”提示：TF 卡存储资料时发生错误，造成档案不全，请使用照像机“格式化”功能，重新格式化 TF 卡。
- 拍出的影像雾蒙蒙一片：请检查镜头是否有异物，手指印；进进行拍摄前，使用镜头纸擦拭镜头。
- 拍摄天空、水面等场景时，影像非深黑：在大的反差场景中会影响到摄像机的自动曝光功能，可以通过调整相机设置菜单中的“EV”值进行修正。
- 在阴天、室内光源下，颜色表现不够完美：请检查相机“白平衡”功能是否设置为自动。
- 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。

### Product Manual

**Product Description**

**Product Structure**



- back clip fixation hook
- USB data interface
- Rear pull camera interface
- Mode selection key
- upward selection button
- OK key / power supply key
- down select button
- menu button
- LCD screen
- Image display
- TF card slot
- Memory card slot
- REST
- lens
- horn

**Key Function description:**

- back clip fixation hook

Fixed video recording instrument

- USB data interface

USB data interface, which is used to connect the PC transmission data; It is used to connect the external power supply to the battery charge or provide work power;

- Rear pull camera interface

4) Mode selection key

Press this key to switch between camera / photo / playback;

5) upward selection button

Menu options, down regulation function keys;

6) OK key / power supply key

Short press on / off;

Video and photo confirmation button, video mode, press this button to start the video, press the video button again to stop the video; press this button to shoot photos;

7) down select button

Menu option, down select the function key;

8) menu button

press this key to call up the menu

Menu mode for confirmation;

9) LCD screen

Image display

10) TF card slot

Memory card slot

11) REST

Restart recovery hole;

12) lens

Viewing window;

13) horn

Play video or sound amplification hole files, operating sound warning;

**Special function:**

automatic on / off

Support the connection of vehicle power, the car starts automatically on the video, the automatic save video and turn off;

L do not leak seconds

- motion detection

In the case of the standby condition, the moving process is recorded automatically when the target is moved.

**Camera / photo basic operating instructions:**

The start-up and shutdown.

L press the power button first boot, the blue indicator light exhibit of lanterns at boot time;

Press the power button again, and the blue indicator light goes out.

Note: the video device will be automatically shut down when the battery is low.

- camera mode

Short press mode select key / menu key button, switch to camera mode, the upper left corner of the screen displays the camera icon;

Press OK key to start the camera, the camera icon will appear flashing red dot, indicating the video work.

- camera mode

Short press mode select button / menu button, switch to camera mode, the upper left corner of the screen to display the camera icon;

Press OK button to take a picture, the screen flashes once, said the photo was completed.

Video / photo playback

Short press mode select button / menu key button, switch to playback mode, the upper left corner of the screen display playback icon;

Short press key to select the file;

Press the key to select the file;

Short press OK key to play the selected video files;

L set menu

Press the mode select button / menu button to enter the video setting state, this time the "video icon" of the bar is a yellow background, short press mode select button / menu key button, exit the setting state.

In the set up of the call, by short press key, you can choose to switch on the set up and down, and press the OK key to enter the setting;

- time setting

Press the mode select key / menu button to enter the setting state, the short press OK key to enter, can be in the year / month / day / time / time / sub / second to switch between each other by adjusting the need for numerical value, press OK to confirm the change;

**USB model**

The USB line and the computer connection, press the starting button, the driving recorder will automatically pop up the USB menu. There are two models available for selection:

- 1:USB-Disk

In this mode can be video files or photo file access;

- 2:PC camera

Select this mode will pop up USB video equipment, can be real-time camera or video chat;

**Battery charge description**

There are three kinds of methods can be used to charge the battery, charging the red indication lantern in the process of charging is lit, the charging time is about 180 minutes, charging the red indicator is automatically extinguished after charging is completed.

- 1: use the power adapter to charge
- 2: use PC-USB charging
- 3: the use of on-board power charging

Note: when using this product due to improper operation caused by the phenomenon of crash, you can remove the battery or press the reset button and then boot, you can return to normal.

**Product specifications**

Product name	Vehicle traveling data recorder
Product features	HD camera, HD video.
Color	Customized
Display	HD display
Camera lens	170 degree At high resolution ultra wide angle lens
Language	Russia, Japan, France, Italy, Germany, West, English, Chinese (Simplified), Chinese (numerous), Korean, etc.
File format	AVI
Video resolution	Maximum 1080P
Video format	M-JPEG
Loop video	Seamless video, no leakage
Switch machine	Support auto ignition startup, shutdown flamesout
Mobile detection function	Support
Days and days	Support
Photographic mode	500 pixels
Photo format	JPEG
Memory card	TF (maximum support 32GB)
Microphone	Support
Built in stereo	Support
Video format	PAL/NTSC
Current frequency	50HZ/60HZ
USB function	1: USB-Disk 2: PC camera
Power supply interface	5V 1A
Battery	Built in battery

**Difficult solution:**

Is under normal operating conditions, if the product problems, please refer to the solution:

L can't take photos, camera

Check the TF card if there is enough space, whether locked.

- video, it will automatically stop

Because of the huge high-definition video data, please use high speed TF card and SBC compatible, high speed TF card will be C1 or C6 logo.

The pictures and video replay, "file error" prompt

Error occurred while the TF card storage of data, according to the files are not complete, please use the "format" camera function reformatting the TF card.

L shoot a foggy image

Please check whether the camera is dirt, finger print; into shooting before, use lens paper wipe the lens.

The sky, water - shooting scene, the image is very dark

In the large contrast scene, it will affect the automatic exposure function of the camera, which can be adjusted by adjusting the "EV" value in the machine settings menu.

In the cloudy, indoor light, color is not perfect

Please check the machine "white balance" function is set to automatic.

Horizontal stripes - interference image

This is due to the error of the "light source frequency", please according to the local power supply frequency, set to "50Hz" or "60Hz".

- Crash

Please press the reset button down after a short recovery restart.