

# 行车记录仪使用说明书

## 2/3 路摄像头

### Instructions for the Use of Traffic Recorder 3 Channel Camera



## 产品规格说明:

**显示屏:** 3.16 英寸 IPS 高清屏

**电源接口:** TYPE-C 5V / 1A

**TF 卡:** 最大支持 64G Class10

**后拉摄像头:** 支持(选配)

**扬声器:** 支持

**照片格式:** JPG

**视频格式:** AVI

**电池类型:** 聚合物锂电池

**语言:** 支持多国语言

**循环录像:** 支持, 不漏秒

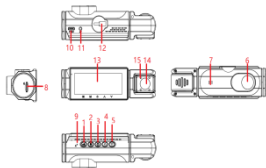
**录音功能:** 支持

**夜视补光灯:** 支持 (手动打开)

**移动侦测:** 支持

**录像分辨率:** FHD1080P 30f / s

## 按键功能介绍:



1) OK 键    2) M 键    3) 电源键

4) 上翻键    5) 下翻键    6) 车前摄像头

7) 喇叭    8) TF 卡槽    9) 复位键

10) 电源接口    11) 后视摄像头接口

12) 支架卡口    13) 显示屏

14) 车内摄像头    15) 红外灯

1) OK 键: 菜单界面为确认键, 录像界面为开始/停止录像键, 拍照界面为拍照键。

2) M 键: 短按模式键可在录像/拍照/回放模式切换, 长按为菜单键, 在

录像状态下短按为一键加锁功能, 保护当前录像的文件且这个文件不会被循环覆盖。

3) 电源键: 长按可开启/关闭机器, 待机状态短按可开启/关闭夜视灯。

4) 上翻键: 菜单界面可上翻,

5) 下翻键: 菜单界面可下翻, 待机状态短按可切换摄像头画面功能。

6) 复位键: 如记录仪发生死机及意外操作不正常故障, 短按复位键关机, 再按电源键重启机器。

## 安装指南

1. 请先检查好后拉摄像头正常后再进行安装。

2. 关闭汽车发动机。

3. 将 TF 卡插入记录仪卡槽中。

**【注意】** 请使用高速 TF 卡 (Class10 以上), 容量不小于 4GB, TF 卡最大支持 64GB。

4. 将记录仪通过支架固定于汽车前挡风玻璃上。

5. 将车载充电器插入汽车点烟器中。

**【注意】** 布线时可充电延长线沿汽车门框边缘和车内地毯下铺设。

6. 将后置摄像头安装在车辆后部, 安装时注意上下方向。布线可沿车辆顶棚边缘埋线铺设。

**【注意】** 后置摄像头有两种安装方法:  
A. 吸附于汽车后玻璃上方, 可自行动手安装 (无法实现倒车可视功能, 只能实时录制车后方视频)。

B. 找专业安装人员安装于车牌架上方, 同时摄像头红线需要连接倒车灯电源 (可实现倒车可视功能)。

7. 调整镜头位置, 确保最佳拍摄视角。

8. 发动引擎, 检查机器是否正常运行。

## 功能介绍

1. 自动记录功能:启动汽车发动机, 记录仪自动启动并开启记录功能。关闭汽车发动机, 记录仪自动保存记录内容并关机, 记录的影像分段保存于TF卡上, 当TF卡存满后记录仪将优先覆盖最早录制的影像。

2. 拍照功能:短按M进入拍照模式, 短按OK键即可拍照。

3. 移动侦测功能:此功能打开后机器进入摄像状态, 检测有物体移动机器自动进入录像, 30秒后系统停止录像。

4. 一键锁定功能:本机具备一键锁定功能, 可将需要保留的影像锁定而不会被循环覆盖。

5. 日期及时间设定:长按M键进入菜单设置, 找到时间设定菜单进入设置正确后再按OK键保存, 最后短按M键退出菜单设置。

【注意】为了有效记录和取证, 在使用本机前请立即设置正确的日期和时间。

6. 文件回放:回放模式下按OK键回放。

7. 倒车可视功能:插车充机器会自动启动录像状态, 在录像模式下切换R档屏幕自动切换到后视镜头, 显示倒车影像, 结束倒车可视后机器自动返回录像模式。

## 疑难问题解答:

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曝光度功能, 可以通过调整机器设置菜单中的“EV”值进行修正。

**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

## 面心立方声明

本设备符合面心立方规则第15部分的要求。操作受以下两个条件的限制:

(1)本设备不会造成有害干扰。

(2)本设备必须接受任何接收到的干扰, 包括

可能引起不希望操作的干扰。

注意: 未经负责合规的部门明确批准的任何变更或修改, 可能会使用户操作设备的权限失效。

注：本设备已通过测试，符合面心立方规则第15部分中B类数字设备的限值。这些限值旨在合理防止住宅安装中的有害干扰。本设备产生并可辐射射频能量，如果未按照说明安装和使用，可能会对无线电通信造成有害干扰。然而，无法保证在特定安装中不会发生干扰。假设该设备确实对无线电或电视接收造成了有害干扰，这可以通过关闭和重新开启设备来确定。在这种情况下，建议用户尝试通过以下一种或多种措施来纠正干扰：(1)重新定向或移动接收天线。

(2)增加设备与接收器之间的距离。

(3)将设备连接到与接收器不同的电路的插座上。

(4)咨询经销商或有经验的人请无线电/电视技术人员提供帮助。

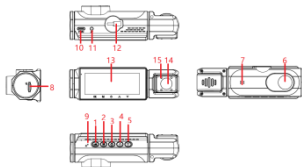
## 射频暴露声明

器械已通过评价，符合一般射频暴露要求。器械可在固定/移动暴露条件下使用。最小分离距离为20cm。

## Product specifications:

Display screen: 3.16 inch IPS  
high-definition screen  
Power interface: TYPE-C 5V/1A  
TF card: supports up to 64G Class10  
Rear camera: supported (optional)  
Speaker: supported  
Photo format: JPG  
Video format: AVI  
Battery type: polymer lithium battery  
Language: Supports multiple  
languages  
Loop recording: supported, no seconds  
missed  
Recording function: supports  
Night vision fill light: supported  
(manually turned on)  
Mobile detection: supported  
Recording resolution: FHD1080P  
30f/s

## Introduction to Key Functions:



- |                                |                     |
|--------------------------------|---------------------|
| 1) OK key                      | 2) M-key            |
| 3) Power button                | 4) Flip up key      |
| 5) Flip down key               | 6) Front camera     |
| 7) Horn                        | 8) TF card slot     |
| 9) Reset key                   | 10) Power interface |
| 11) Rear view camera interface |                     |
| 12) Bracket clamp              | 13) Display screen  |
| 14) In car camera              | 15) Infrared lamp   |
- 1)OK key: The menu interface is the

confirm button, the recording interface is the start/stop recording button, and the photography interface is the photography button.

2) M key: Short press is the mode key to switch between recording/photography/playback modes, long press is the menu key, and short press is the one key lock function in recording mode to protect the current recorded file and prevent it from being repeatedly overwritten.

3) Power button: Long press to turn on/off the machine, short press to turn on/off the night vision light in standby mode

4) Flip up button: The menu interface can be flipped up.

5) Flip down button: The menu interface can be flipped down, and short press in standby mode can switch camera screen functions.

6) Reset button: If the recorder crashes or experiences abnormal operation, short press the reset button to shut down, and then press the power button to restart the machine

## Installation Guide:

1. Please check and pull the camera to ensure it is functioning properly before proceeding with installation.

2. Turn off the car engine.

3. Insert the TF card into the recorder card slot.

[Note] Please use a high-speed TF card (Class10 or above) with a capacity of no less than 4GB, and the TF card can support up to 64GB.

4. Fix the recorder onto the front windshield of the car through a

bracket.

5. Insert the car charger into the car cigarette lighter.

[Note] When wiring, the charging extension cable can be laid along the edge of the car door frame and under the carpet inside the car.

6. Install the rear camera at the rear of the vehicle, paying attention to the up and down direction during installation. The wiring can be buried along the edge of the vehicle roof.

[Note] There are two installation methods for the rear camera:

A. Absorbed above the rear glass of the car, it can be installed by hand (unable to achieve reverse visibility function, can only record real-time video of the rear of the car).

B. Find professional installation personnel to install it above the license plate frame, and the red line of the camera needs to be connected to the reverse light power supply (which can achieve reverse visibility function).

7. Adjust the lens position to ensure the best shooting angle.

8. Start the engine and check if the machine is functioning properly.

### **Function Introduction:**

1. Automatic recording function: Start the car engine, the recorder will automatically start and activate the recording function. Turn off the car engine, the recorder automatically saves the recorded content and shuts down. The recorded images are segmented and saved on the TF card. When the TF card is full, the recorder will first overwrite the earliest recorded images.

2. Photo taking function: Short press M to enter the photo taking mode, and

short press the OK key to take a photo.

3. Movement detection function:

When this function is turned on, the machine enters the camera mode.

When an object moves, the machine automatically enters the recording mode. After 30 seconds, the system stops recording.

4. One click lock function: This device has a one click lock function, which can lock the images that need to be retained without being repeatedly overwritten.

5. Date and time setting: Long press the M key to enter the menu setting, find the time setting menu to enter the correct setting, then press the OK key to save, and finally short press the M key to exit the menu setting.

[Note] For effective recording and evidence collection, please set the correct date and time immediately before using this device.

6. File playback: Press the OK key to play back in playback mode.

7. Reverse visibility function: The car charging machine will automatically start recording mode. When switching to R gear in recording mode, the screen will automatically switch to the rear view lens, displaying the reverse image. After the reverse visibility is completed, the machine will automatically return to recording mode.

### **Troubleshooting:**

Under normal operating conditions, if there is a problem with the product, please refer to the following methods to solve it:

Cannot take photos or videos: Check if the TF card has enough space and is locked.

When recording, it will automatically stop: Due to the huge amount of high-definition video data, please use a high-speed TF card compatible with SDHC, which will have a C10 symbol.

When replaying images and videos, a "file error" prompt appears: TF card encountered an error while storing data, resulting in incomplete files.

Please use the camera's "format" function to reformat the TF card.

The captured image is shrouded in mist: please check the lens for any dirt or finger marks; Before shooting, wipe the lens with lens paper.

When shooting scenes such as the sky and water, the image is very black: in large contrast scenes, it will affect the camera's exposure function, which can be corrected by adjusting the "EV" value in the machine settings menu.

Horizontal stripe interference in the image: This is caused by setting the wrong "light source frequency".

Please set it to "50Hz" or "60Hz" according to the local power supply frequency.

Shutdown: After the shutdown, please short press the reset button

## FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including

interference that may cause undesired operation.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device under Part 15 of the FCC

Rules. These limits are designed to protect reasonably against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio

communications. However, there is no guarantee that interference will not occur in a particular installation.

Suppose this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. In that case, the user is encouraged to try to correct the interference by one or more of the following measures:

- (1) Reorient or relocate the receiving antenna.
- (2) Increase the separation between the equipment and receiver.
- (3) Connect the equipment to an outlet on a circuit different from the receivers.
- (4) Consult the dealer or an experienced radio/TV technician for help.

#### Radio Frequency Exposure Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in fixed/mobile exposure condition. The min separation distance is 20cm.