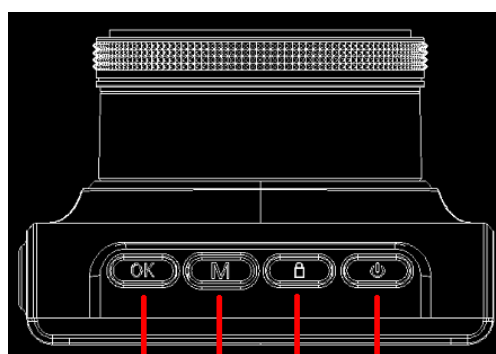


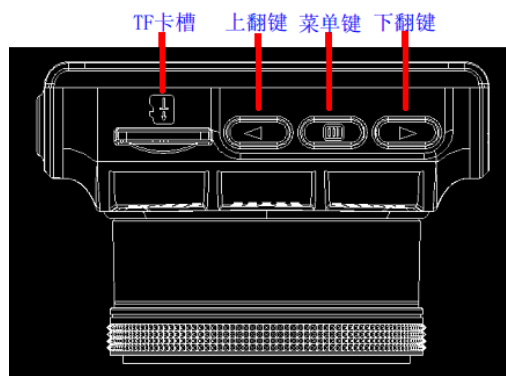
高清行车记录仪

本产品采用高性能芯片，提供高清晰度视频，无缝动态画面。通过欧洲 CE、美国 FCC 的严格认证，支持 4K 2K 真正全高清摄像。使用前请仔细阅读本手册并妥善保管，我们希望本产品能满足您的需求并长期服务于您！

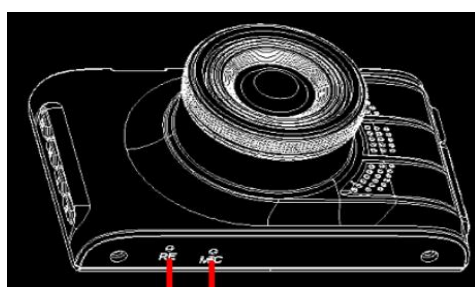
一、外观及按键功能描述



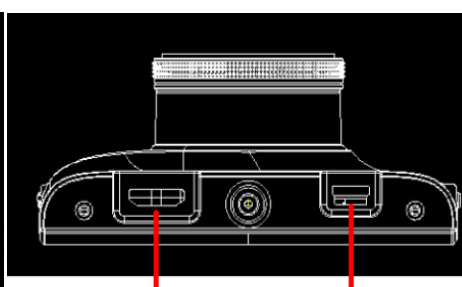
确认键 模式键 锁定键 电源键



TF卡槽 上翻键 菜单键 下翻键



复位孔 MIC



AV-IN

USB

接口：TP-C 接口、AV 接口、TF 卡槽

按键：确认键、模式键、锁定键、电源键、上翻键、菜单键、下翻键

一、按键及对应功能

1. 确认键/录像键/拍照键/回放键

功能一：确认键

在待机录像模式/拍照模式/回放模式的状态下；进入菜单模式，短按【上翻键/下翻键】来浏览，短按【确认键】来进行确定。

功能二：启动/关闭录像功能

在录像模式下，短按【确认键】开始录像，再次短按【确认键】可停止录像。

功能三：文件播放键

在文件浏览模式下，短按【确认键】可播放视频再次短按【确认键】时视频暂停。

2. 模式键/删除键

功能一：模式切换功能

在待机状态下，短按【模式键】可以切换至回放界面。切换回录像界面则需要按【菜单键】切换录像界面。

功能二：回放模式中，在回放界面按【模式键】会弹出窗口，可以选择单独删掉此视频或者返回视频。

3. 锁定键

功能一：文件加锁保护

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，文件一旦加锁可以按【确认键】停止拍摄退出加锁模式或短按【锁定键】解锁当前文件。此按键只有这一个功能，其他界面会呈现无效作用。

4. 电源键/屏幕背光开关

功能一：开关机功能

在关机状态下，长按【电源键】并保持 3 秒钟可开启本机电源，机器自动开始工作。在开机状态下长按【电源键】并保持 3 秒钟本机自动保存录像文件及用户设置并关机。

功能二：屏幕背光开关

在待机模式下，在屏幕亮时短按【电源键】进入屏幕保护，触发屏幕保护功能可任意按一个按键会自动退出屏幕保护功能。

5. 上翻键 /快捷拍照/视频切换

功能一：上翻页功能

在菜单设置和回放模式中短按【上翻键】为上翻页功能。

功能二：快捷拍照

功能三：在回放模式下，播放视频过程中，短按【上翻键】切换上一个视频文文件

6. 菜单键

功能一：菜单功能

在待机状态下，短按【菜单键】进入主菜单功能设置表，短按【上翻键】或【下翻键】，选择需要设置的选项，短按【确定键】确认。设置完成后短按【菜单键】直至退出菜单设置功能。（菜单设置方法在录像模式、拍照模式、回放模式中均相同）

7. 下翻键/预览切换/视频切换

功能一：下翻页功能

在菜单设置和回放模式中为下翻页功能。

功能二：预览切换

在录像模式中，短按【下翻键】可切换后拉和前路摄像显示

功能三：视频切换

在回放模式下，播放视频过程中，短按【下翻键】切换下一个视频文件

二、安装指南

1.关闭汽车发动机。

2.将 TF 卡插入记录仪卡槽中。

【注意】请使用高速 TF 卡（class10 以上），最大支持 256GB。

3.将记录仪固定于汽车的挡风玻璃。

4.将车载充电器插入汽车点烟器中。

5.用充电延长线将记录仪 TP-C 接口和车载充电器连接起来。

【注意】布线时可充电延长线沿汽车挡风玻璃边缘敷设。

6.将后置摄像头安装在车辆后部，安装时注意方向。布线可沿车辆顶棚敷设。安装完成后将后插头接入记录仪 AV 端。

7.调整镜头位置，确保镜头与地面保持水平。

8.发动引擎，检查机器是否已安装正确。

【注意】当机器安装正确，系统工作指示灯点亮；机器启动进入记录状态，录像指示灯闪烁。请注意检查显示屏上的画面是否正常，如显示画面为倒像，请及时与我们联系。

三、功能简介

1. 使用自动记录功能

启动汽车发动机，记录仪自动启动并开启记录功能，充电指示灯点亮，录像指示灯闪烁。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 卡存储满后记录仪将覆盖较早前录制的影像。记录的时间段可自行在菜单中设置，范围为 /1 分钟/3 分钟/5 分钟三个档。

【注意】

如果选择为“1/3/5”分钟这三个档中的任意一档时，当 TF 卡存储满后记录仪将覆盖较早前录制的影像；

2. 使用手动记录功能

长按记录仪【电源键】，记录仪启动并开始自动记录，录像指示灯点亮并闪烁。如需关机则再次长按【电源键】3 秒，记录仪即可自动保存记录并关机。

注意：本记录仪内置只有纽扣电池，只能起到自动保存设置和最后一段录像作用，正

常使用需接车充。

3. 使用拍照功能

在开机录像模式中，短按上键为快捷拍照。

4. 碰撞感应功能

本机内置碰撞感应器(G-sensor)，如果发生严重车辆碰撞，记录仪会锁定事故发生时的视频保存为一个特殊影像，同时显示屏上方红色录像图标变为黄色图标。被锁定的影像不会被循环覆盖。

【提示】。

碰撞感应器（G-sensor）支持灵敏度调节，根据实际需要在设置菜单中自行更改设置。

5. 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。在录像模式中，短按【锁定键】，记录仪会将影像锁定。

6. 日期及时间设定

在待机状态中短按【菜单键】进入系统设置菜单，短按【上翻键】/【下翻键】将光标移动至设置日期选项。短按【确认键】进入，短按【模式键】进行年、月、日、时、分、秒之间的切换，短按【上翻键】/【下翻键】进行相应时间的加减，设置完毕短按【确认键】退出即可。

【注意】为了有效记录行车安全事故的取证的日期和时间，在使用本机前请设置正确的日期和时间。

7. 录音功能/声音功能

- 1.在菜单中有声音大小调节功能可以按照自己的习惯去调试声音大小
- 2.在菜单中有录音功能，可以选择开启/关闭

【提示】设置会自动保存，再次开机后无需设置静音功能。

8. 拍摄文件回放

开机状态下短按【模式键】，切换至回放模式。短按【上翻键】/【下翻键】，找到要回放的文件，短按【确认键】即可播放。退出回放模式，再短按【菜单键】即可。右上角的汽车图标朝前即是前摄回放，按【确认键】切换至汽车朝后，即是后拉回放。

9.倒车可视

首先，必须把车充连接好记录仪，后拉摄像头插头接入 AV-IN 插口，拉线摄像头上的黑红线连接倒车灯。插电充机器会自动启动录像状态，在任意状态下如果有倒车，会显示倒车影像。结束倒车可视后机器自动返回录像模式。

四、产品规格

前置摄像头分辨率	3840*2160
后置摄像头分辨率	1920*1080

镜头视场	D:127° H:106° V:55°
选项语言	中文/英文/法语/德语/日语/西班牙语/韩文/ 繁体中文/俄文
TF 存储卡槽	支持
录像分辨率	3840*2160
拍照分辨率	2560*1440
存储压缩方式	H.264
视频格式	TS
图片格式	JPG
储藏温度	(-20℃-75℃)
操作温度	(-20℃-70℃)
储存卡容量	最大支持 256GB (格式化为 FAT32)

五、产品结构

图像传感器	FHD
显示屏	3.0 寸 MIPI 显示屏
镜头	P2 宽动态
视频规格	3840x2560, 2560x1440, 1920x1080
图像格式	JPG
WIFI 传输速度	2.4G

电源接口	2A-TP-C
内建喇叭	1510-3T
内置录音	支持
电池	纽扣电池

HD driving recorder

This product uses high-performance chips to provide high-definition video and seamless dynamic images. It has passed the strict certification of European CE and American FCC, and supports 4K 2K true full HD video. Please read this manual carefully before use and keep it properly. We hope that this product can meet your needs and serve you for a long time!

Interface: TP-C interface, AV interface, TF card slot

Buttons: Confirm key, mode key, lock key, power key, up key, menu key, down key

I .Buttons and corresponding functions

1. Confirmation key/recording key/photographing key/playback key

Function 1: Confirmation key In standby recording mode/photographing mode/playback mode; enter menu mode, short press [up/down key] to browse, short press [confirmation key] to confirm.

Function 2: Start/stop recording function In recording mode, short press [confirmation key] to start recording, short press [confirmation key] again to stop recording.

Function 3: File playback key In file browsing mode, short press [confirmation key] to play the video. Short press [confirmation key] again to pause the video.

2. Mode key/Delete key

Function 1: Mode switching function In standby mode, short press the [Mode key]

to switch to the playback interface. To switch back to the recording interface, press the [Menu key] to switch the recording interface.

Function 2: In playback mode, press the [Mode key] on the playback interface to pop up a window, where you can choose to delete the video alone or return to the video.

3. Lock button

function 1: File lock protection When recording, short press the [Lock button] to lock the file clip currently being recorded. Once the file is locked, you can press the [Confirm button] to stop recording and exit the lock mode or short press the [Lock button] to unlock the current file. This button has only this one function, and will be ineffective if pressed in other interfaces.

4. Power button/screen backlight switch

function 1: Power on/off function In the off state, long press the [power button] and hold for 3 seconds to turn on the power of the machine, and the machine will automatically start working. In the on state, long press the [power button] and hold for 3 seconds, the machine will automatically save the video files and user settings and shut down.

Function 2: Screen backlight switch In standby mode, short press the [Power button] when the screen is on to enter the screen saver. To trigger the screen saver function, you can press any button to automatically exit the screen saver function.

5. Up key/Quick photo/video switching

function 1: Up page function In menu setting and playback mode, short press the

[Up key] to turn the page.

Function 2: Quick photo shooting

Function 3: In playback mode, during video playback, short press the [Up] key to switch to the previous video file

6. Menu key

function 1: Menu function In standby mode, short press the [Menu key] to enter the main menu function setting table, short press the [Up key] or [Down key], select the option to be set, and short press the [Confirm key] to confirm. After the setting is completed, short press the [Menu key] until you exit the menu setting function.

(The menu setting method is the same in video mode, photo mode, and playback mode)

7. Down key/Preview switch/Video switch

Function 1: Down page function is the down page function in menu setting and playback mode.

Function 2: Preview switch In recording mode, short press the [down key] to switch the back pull and front camera display

Function 3: Video switch In playback mode, during video playback, short press the [down key] to switch to the next video file

II. Installation Guide

1. Turn off the car engine.

2. Insert the TF card into the card slot of the recorder. [Note] Please use a

high-speed TF card (class10 or above), which supports up to 256GB.

3. Fix the recorder to the windshield of the car.
4. Insert the car charger into the car cigarette lighter.
5. Use the charging extension cable to connect the TP-C interface of the recorder to the car charger. [Note] When wiring, the charging extension cable can be laid along the edge of the car windshield.
6. Install the rear camera at the rear of the vehicle, and pay attention to the direction when installing. The wiring can be laid along the roof of the vehicle. After installation, connect the rear plug to the AV end of the recorder.
7. Adjust the lens position to ensure that the lens is level with the ground.
8. Start the engine and check whether the machine is installed correctly.

[Note] When the machine is installed correctly, the system working indicator lights up; when the machine starts to enter the recording state, the recording indicator flashes. Please check whether the image on the display is normal. If the image is inverted, please contact us in time.

III.Function Introduction

1. Use the automatic recording

function to start the car engine. The recorder automatically starts and turns on the recording function. The charging indicator lights up and the recording indicator flashes. Turn off the car engine. The recorder automatically saves the recorded content and shuts down. The recorded images are saved in segments on the TF

card. When the TF card is full, the recorder will overwrite the earlier recorded images. The recording time period can be set in the menu, ranging from 1 minute/3 minutes/5 minutes.

【Note】 If you select any of the three options of "1/3/5" minutes, the recorder will overwrite the earlier recorded images when the TF card is full;

2. To use the manual recording function

long press the [Power button] of the recorder, the recorder starts and starts recording automatically, and the recording indicator light is on and flashing. If you need to shut down, long press the [Power button] again for 3 seconds, the recorder will automatically save the record and shut down. Note: This recorder has only a button battery built in, which can only automatically save the settings and the last recording. It needs to be connected to a car charger for normal use.

3. Use the camera function

In the video recording mode, short press the up button to take a quick photo.

4. Collision sensing function

This unit has a built-in collision sensor (G-sensor). If a serious vehicle collision occurs, the recorder will lock the video at the time of the accident and save it as a special image. At the same time, the red video icon on the display screen will turn yellow. The locked image will not be overwritten in a loop.

[Tips] The collision sensor (G-sensor) supports sensitivity adjustment. You can change the settings in the settings menu according to actual needs.

5. One-touch lock function

This device has a one-key lock function, which can lock the images that need to be retained and prevent them from being overwritten. In the video recording mode, short press the [Lock Key] and the recorder will lock the image.

6. Date and time settings

In standby mode, short press the [Menu] key to enter the system setup menu, short press the [Up] key/[Down] key to move the cursor to the date setting option. Short press the [Confirm] key to enter, short press the [Mode] key to switch between year, month, day, hour, minute, and second, short press the [Up] key/[Down] key to add or subtract the corresponding time, and short press the [Confirm] key to exit after setting.

[Note] In order to effectively record the date and time of evidence collection for driving safety accidents, please set the correct date and time before using this machine.

7. Recording function/sound function

1. There is a volume adjustment function in the menu, you can adjust the volume according to your own habits.
2. There is a recording function in the menu, you can choose to turn it on/off.

[Reminder] The setting will be automatically saved, and there is no need to set the mute function after turning it on again.

8. Playback of recorded files

When the device is powered on, short press the [Mode Key] to switch to playback mode. Short press the [Up Key]/[Down Key] to find the file to be played back, and

short press the [Confirm Key] to play. To exit playback mode, short press the [Menu Key] again. If the car icon in the upper right corner is facing forward, it is front-facing playback. Press the [Confirm Key] to switch to rear-facing playback.

9. Astern image

First, you must connect the car charger to the recorder, then pull the backup camera into the AV-IN socket, and pull the black and red wires on the camera to connect the reversing lights. The machine will automatically start recording when the car charger is plugged in. If you reverse in any state, the reversing image will be displayed. After the reversing is completed, the machine will automatically return to the recording mode.

IV .Product Specifications

Front camera resolution	3840*2160
Rear camera resolution	1920*1080
Lens Field of View	D:127°H:106°V:55°
Option Language	Chinese/English/French/German/Japanese/Spanish/Korean/Traditional Chinese/Russian
TF memory	support

card slot	
Video resolution	3840*2160
Photo resolution	2560*1440
Storage compression method	H.264
Video Format	TS
Image Format	JPG
Storage temperature	(-20°C-75°C)
Operating temperature	(-20°C-75°C)
Memory card capacity	Supports up to 256GB (formatted as FAT32)

V.Product Structure

Image Sensor	FHD
Display	3.0 inch MIPI display
Lenses	P2 WDR
Video Specifications	3840x2560,2560x1440,1920x1080
Image Format	JPG
WIFI transmission speed	2.4G
Power interface	2A-TP-C
Built-in speaker	support
Built-in recording	support
Battery	Button battery

FCC WARNING

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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, pursuant to Part 15 of the FCC Rules. These limits are

designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC' s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.