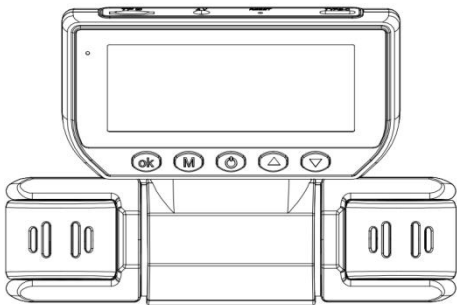


行车记录仪使用说明书

USER MANUAL



產品特性:

4 摄像头: 本机 3 摄像头+1 后拉摄像头

档案与档案之间无缝不漏秒 3.16 英寸屏

高清广角摄像头

视频文件格式:AVI

内置麦克风（喇叭）

支持大容量 TF（micro SD）内存卡

支持汽车启动时脉冲过压保护功能

一键紧急数据保护功能

G-sensor 撞击感应锁档功能

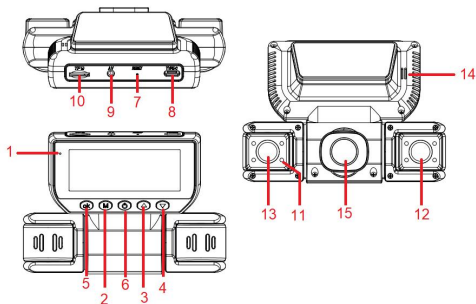
支持后拉摄像头功能

支持降压线功能（选配）

内置WIFI功能

产品说明

产品结构



按键及功能说明

- 1) 工作指示灯：开机后红色指示灯点亮，录像时蓝色指示灯闪烁，充电时红色指示灯亮
- 2) 菜单键：短按此键调出功能设置菜单；录像过程中短按此键会对当前视频文件加锁，保存为不可删除文件，长按此键可在摄像模式/拍照模式/回放模式之间相互切换
- 3) 向上键：菜单选项中向上选择功能键，待机或录像状态下此键为红外灯开\关功能，长按可开启/关闭WiFi。
- 4) 向下键：菜单选项中向下选择功能键，短按此键可切换屏幕摄像头画面显示；
- 5) OK 键：录像确认键，摄像模式下，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，在回放模式与菜单模式下为确认键
- 6) 电源键：短按开机，长按关机，待机状态，短按息屏。
- 7) 复位孔：死机复位按键孔
- 8) 电源接口：用于连接外接车充电源或降压线给机器提供工作源
- 9) 后拉摄像头接口：后视镜头视频输入口
- 10) TF卡插槽：存储卡插槽

- 11) 红外灯：夜视补光灯
- 12) 左摄像头：左边取景窗口
- 13) 右摄像头：右边取景窗口
- 14) 喇叭：播放视频或者有声文件的扩音孔, 操作音提醒
- 15) 前摄像头：前取景窗口

特别功能说明

1) G-sensor 功能：当重力加速 ($1g=9.80 \text{ 米/秒}^2$) 时，机器会自动将事故发生时的视频自动锁档并保存为不可删除文件；

G-sensor 重力感应可以在菜单中进行选择，本机设置有：关 低 中 高 4 档灵敏度选项，出厂默认为关；

2) 一键锁功能：录像过程中短按菜单键，机器会将当前视频加锁保存为不可删除文件。

3) 自动开/关机：支持车载电源汽车启动后自动开机录像，汽车熄火后，自动保存并自动关机；

4) 停车模式：停车模式开启后，当车辆熄火，行车记录仪进入自动关机程序后，车身如果收到外力产生的震动，行车记录仪会开启摄像，记录 30 秒后自动关机；当再次检测到车身震动后，再次启动摄像功能；停车监控摄像的视频并对文件自动加锁。

注意：停车模式功能必须在行车记录仪自动关机的情况下才起作用，手动开机或关机后，停车监控不起作用；

当电池或汽车电瓶完全断电后，该功能无法使用

5) 缩时录像（此选项需配降压线才有功能，车充不支持此功能）

：进入缩时录像设置：可选择：关/2 小时/4 小时/8 小时/24 小时，此功能打开后，在车子熄火后（ACC 掉电），系统还会继续保持录像对应的时间，系统默认关闭 **注意：当汽车电瓶完全断电后，该功能无法使用。**

摄像/拍照基本操作说明：

1) 开机与关机：短按电源键开机，电源指示灯会在开机时亮起；开机后长按电源键关机，此灯熄灭 2) 摄像模式：短按 OK 键开始摄像，录像时屏幕上红点会开始闪动，同时蓝色指示灯开始闪烁，进入录像工作模式；

3) 拍照模式：长按菜单键，切换到拍照模式，屏幕左上角显示拍照图标；

短按 OK 键拍照，拍照时听到“咔嚓”一声，表示拍照完成；

4) 视频/照片回放：长按菜单键，屏幕左上角显示回放图标，按向上/向下键选择查看的摄像头文件，短按 OK 键播放选择的视频文件；

5) 菜单设置: 待机状态下短按菜单键调出 设定菜单; 通过短按向上或向下键, 可以在 各设置项中循环上下选择; 选择需要更改的 设置项, 通过短按 OK 键进入更改;

6) 退出设定菜单: 短按菜单键退出设置状 态;

时间日期设置

待机状态下通过短按菜单键进入设置项, 短 按向上/下键选择日期/时间设置选项, 短按 OK 键进入, 短按 OK 键可以在年/月/日/时/ 分/秒之间相互切换, 通过向上键/向下键调整需要数值, 短按 OK 键确认修改并退出时 间设置。

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

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 (C10 以上)

3. 将记录仪固定于汽车的前挡风玻璃上。

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的 USB 接口和车载充电器连接起来, 布线时可 将充电延长线沿汽车挡风玻璃边缘敷设。

注意: 如用降压线的把 BAT+/点火 ACC/GND- 3 个接口接到中控对应的位置

6. 请将后拉摄像头安装在清洁后的后挡风玻璃后或车牌上方, 将后录摄像头线插入后录摄像头线接口后, 把线塞进顶棚的缝隙中, 一直沿着车内顶 棚缝隙绕到车后录摄像头安装位置, 将后录摄像头连接好, 后拉摄像头的红线接倒车灯电源正极,

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。

后摄像头安装走线示意图 (选配)

两种安装方式选择

① 把它固定在后面的挡风玻璃上



② 或安装在汽车牌照上



应用程序安装和 WiFi 连接说明：

- 1、待机模式下，按菜单键进入菜单选项，选择 WiFi 设置并选择开启，短按 OK 键确认进入 WiFi 模式，屏幕显示 WiFi 名称/WiFi 密码，或长按向上键一键可开启/关闭 WiFi。
- 2.在菜单选项中，选择产品信息屏幕将显示 WiFi 名称/WiFi 密码
- 3、用手机扫描下方二维码，下载并安装应用。安卓手机请选择“安全下载”，IOS 系统会自动跳转至应用商店下载

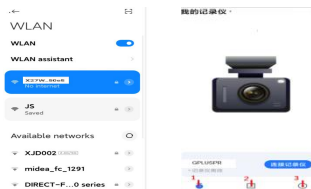


4.添加设备

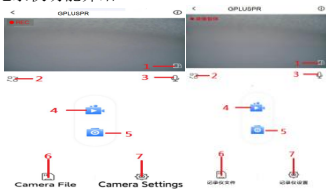
IPhone：进入系统 WiFi，选择 GPLUSPR**** 输入 WiFi 密码，默认密码是12345678连接，输入“录风者”应用，完成添加；

安卓手机：进入“录风者”应用，点击“添加记录器”，按照添加向导操作，进入系统 WiFi 界面，选择 GPLUSPR**** 输入 WiFi 密码，默认密码是12345678连接，连接完成后点击“返回”完成添加；

APP 功能介绍



- 1、录像机：此页面管理录像机，允许您添加、查看、删除、访问录像机的视频预览界面；
 - 2、相册：管理从录音机下载到手机的图片和视频；
 - 3、更多：语言设置、问题反馈和关于 APP 的信息；
- 记录仪功能介绍



- 1、全屏显示：点击全屏观看视频；
- 2、镜头切换显示：点击切换镜头的显示画面；
- 3、麦克风：点击开启或关闭麦克风声音；
- 4、录像：点击暂停/开始，完成后将录像保存在录像机上；
- 5、拍照：点击完成照片，完成后保存到录像机中；
- 6、记录仪文件：进入记录仪上的文件列表，将其分类为循环视频、抓拍事件、紧急事件、停车监控、本地相册；

录音文件下载

点击“录制文件”进入文件列表界面，点击“选择”按钮，选择要下载的图片或视频，点击“下载”开始下载文件，下载完成后，文件会保存到手机中，可以通过“相册”查看；

录音文件播放

点击“录像机文件”进入文件列表界面，无需下载，直接在录像机上播放视频，还可以拍摄当前播放画面；

下载：将视频下载到你的手机上；

删除：删除选定文件；

唱片

进入“相册”可以对已下载到手机上的图片或视频进行管理，点击“全部”进入该类别的视频全部列表，文件列表按日期进行排列，点击”选择“可以多选文件进行操作；

视频：所有的视频文件；

照片：所有的照片文件；

紧急：碰撞感应的文件；

7，记录仪设置：进入记录仪的设置界面，进行麦克风开关、录制分辨率、录像文件时长等设置；

产品规格

产品特点	高清摄像头，高清录像
G-sensor	内置（车子意外情况下紧急保存，不被删除）
液晶显示屏尺寸	3.16寸
镜头	广角镜头
语言	支持多国语言
视频文件格式	AVI
录像分辨率	1920*1080P/1280*720P
视频编码格式	MJPG
随车开关机	支持汽车打火开机，熄火延时关机
年月日分	支持
存储卡	TF(最大支持64 GB)
照相模式	1200万
照片格式	JPEG
麦克风	支持
后拉摄像头	支持
降压线	支持（选配）
WIFI功能	支持
电源接口	5V/2A

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，造成档案不全，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

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 features:

4 cameras: 3 cameras on the machine +1 rear pull camera

There is no gap between the archives and the archives. 3.16 inch screen

High definition wide-angle camera

Video file format: AVI

Built-in microphone (speaker)

Support high capacity TF (micro SD) memory card

Supports overvoltage protection for the car start pulse

One-click emergency data protection

G-sensor collision sensing lock function

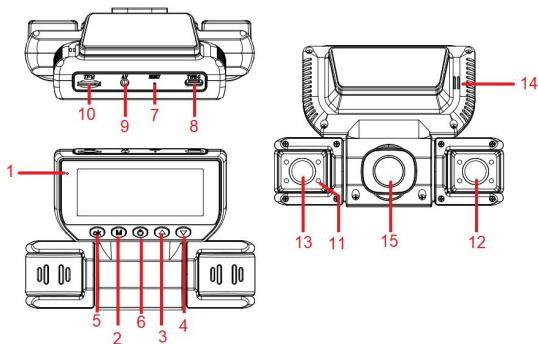
Supports the rear camera function

Supports voltage reduction line function (optional)

Built-in WIFI function

product description

product mix



Key and function description:

- 1) Work indicator light: the red indicator light is on after starting up, the blue indicator light flashes during recording, and the red indicator light is on during charging
- 2) Menu key: Short press this key to call up the function setting menu; Short press this key during recording to add to the current video file Lock, save as non-deleteable file, long press this button to switch between shooting mode, photo mode and playback mode
- 3) Upward key: Select the function key upward in the menu option. In standby or recording state, this key is the infrared light on/off function, and long press can open/close WiFi.
- 4) Down arrow: Select the function key in the menu option. Short press this key to switch the screen camera display;
- 5) OK key: video confirmation key. In camera mode, short press this key to start video recording, and press again to stop video recording. In photo mode, press this key to take photos. In playback mode and menu mode, it is the confirmation key
- 6) Power button: short press to turn on, long press to turn off, standby state, short press to turn off the screen.
- 7) Reset hole: Dead reset button hole

- 8) Power interface: used to connect the external vehicle charging power or voltage reduction line to provide working power for the machine;
- 9) Rear camera interface: rear view lens video input port
- 10) TF card slot: memory card slot
- 11) Infrared lamp: night vision light
- 12) Left camera: left view window
- 13) Right camera: the right view window
- 14) Speaker: an amplification hole for playing video or audio files, with sound reminders
- 15) Front camera: front view window

Special function description:

1) G-sensor function: When the gravity acceleration ($1g=9.80\text{ m/s}^2$) occurs, the machine will automatically lock and save the video of the accident as an undeliverable file;

G-sensor gravity sensor can be selected in the menu. The device has four sensitivity options: off, low, medium and high. The factory default is off;

2) One-click lock function: During the recording process, short press the menu button, and the machine will lock the current video and save it as an undelable file.

3) Automatic on/off: support the car power supply to automatically start the video recording after the car starts, and automatically save and shut down after the car shuts off;

4) Parking Mode: When parking mode is activated, if the vehicle is turned off or the ignition is turned off, and the dashcam enters an automatic shutdown program, the camera will activate to record for 30 seconds before automatically shutting down. If the vehicle detects another vibration, it will restart the recording function. The video from the parking surveillance camera will be automatically locked.

Note: The parking mode function must be activated when the driving recorder is automatically turned off. After manual start or shutdown, the parking monitoring will not work;

This function is not available when the battery or car battery is completely dead

5) Time-Lapse Recording (This option requires a voltage drop cable to function; car charging does not support this feature): Enter the time-lapse recording settings: You can choose: Off / 2 hours / 4 hours / 8 hours / 24 hours. Once this function is enabled, the system will continue to record for the selected duration after the engine is turned off (ACC power loss). The system defaults to being off. Note: This function cannot be used when the car battery is completely drained.

Basic operation instructions for video/camera taking:

1) Power On and Off: Short press the power button to turn on; the power indicator light will turn on. After turning on, long press the power button to turn off; this light will turn off. 2) Camera Mode: Short press the OK button to start recording. During recording, a red dot will start flashing on the screen, and the

blue indicator light will also start flashing, entering the recording mode;

3) Photo mode: Long press the menu button to switch to photo mode, and the photo icon will be displayed in the upper left corner of the screen;

Short press the OK button to take a picture, when taking a picture, hear a "click", indicating that the photo is completed;

4) Video/photo playback: Long press the menu button, the playback icon will be displayed in the upper left corner of the screen. Press the up/down key to select the camera file to view, and short press the OK key to play the selected video file;

5) Menu Settings: In standby mode, short press the menu key to call up the setting menu; by short pressing the up or down keys, you can cycle through the settings; select the setting item that needs to be changed, and enter the change by short pressing the OK key;

6) Exit the Settings menu: Short press the menu button to exit the Settings state;

Four: Time and date Settings

In standby mode, press the menu button to enter the Settings item. Press the up/down keys to select the date/time setting option. Press OK to enter. Press OK to switch between year/month/day/hour/min/sec. Adjust the required value by pressing the up/down keys. Press OK to confirm the modification and exit the time setting.

Note: When this product is used due to improper operation, it will crash Phenomenon, you can reset the key and then start up, you can return to normal.

Installation Guide:

1. Turn off the car engine.

2. Insert the TF card into the recorder slot.

[Note] Please use high-speed TF card (C10 or above)

3. Secure the recorder to the front windshield of the car.

4. Plug the on-board charger into the car lighter.

5. Connect the USB port of the recorder to the on-board charger with a charging extension cord. When wiring, lay the charging extension cord along the edge of the car windshield.

Note: If the voltage reduction line is used, connect the BAT+/- ignition ACC/GND-3 interfaces to the corresponding position of the central control

6. Please install the rear camera on the back of the cleaned rear windshield or above the license plate, insert the rear camera cable into the rear camera cable port, and thread it through the gap in the roof until it reaches the rear camera installation position. Connect the rear camera properly, and connect the red wire of the rear camera to the positive terminal of the parking light power supply,

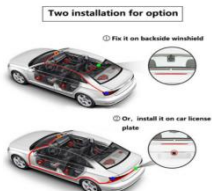
7. Adjust the position of the lens to ensure that the lens is level with the ground.

8. Start the engine and check that the machine is installed correctly.

[Note] When the machine is installed correctly, the system working indicator light

is lit; the machine starts to enter the recording state, and the video recording indicator light flashes. Please check whether the picture on the display screen is normal.

Schematic diagram of rear camera installation wiring (optional)



Application installation and WiFi connection instructions:

1. In standby mode, press the menu key to enter the menu options, select WiFi Settings and select on. Short press OK button to confirm entering WiFi mode. The screen displays WiFi name /WiFi password, or long press up button to open/close WiFi.
2. In the menu options, select the product information screen to display the WiFi name /WiFi password
3. Scan the QR code below with your mobile phone to download and install the app. For Android phones, select "Safe Download", and for IOS systems, it will automatically jump to the App Store for download

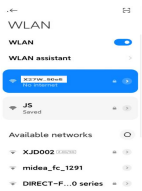


4. Add devices

IPhone: Enter the system WiFi, select GPLUSPR**** and enter the WiFi password. The default password is 12345678 connection. Enter "Viidure" application to complete the addition;

Android phone: Enter the "Viidure" application, click "Add recorder", follow the addition wizard to enter the system WiFi interface, select GPLUSPR**** and input the WiFi password. The default password is 12345678 connection. Click "Return" to complete the addition after the connection is completed;

APP function Introduction



1. Video recorder: This page manages the video recorder, allowing you to add, view, delete and access the video preview interface of the video recorder;
2. Photo album: manage pictures and videos downloaded from the tape recorder to the phone;
3. More: language Settings, feedback on problems and information about the APP;

Introduction of recorder function



1. Full screen display: Click full screen to watch the video;
 2. Lens switching display: Click to switch the display of the lens;
 3. Microphone: Click to turn on or off the microphone sound;
 4. Video recording: Click pause/start, and save the video on the video recorder after completion;
 5. Take photos: Click to complete the photo, and save it to the video recorder after completion;
 6. Recorder files: Enter the file list on the recorder and classify it into loop video, capture event, emergency event, parking monitoring, local album;
- Download audio files

Click "Record File" to enter the file list interface, click the "Select" button, select the picture or video to download, click "Download" to start downloading the file, after the download is completed, the file will be saved in the mobile phone, you can view it through the "Album";

The audio file is played

Click "VCR file" to enter the file list interface, no need to download, directly play the video on the VCR, you can also shoot the current playback picture;

Download: Download the video to your phone;

Delete: delete the selected file;

gramophone record

Entering "Album" can manage the pictures or videos downloaded to the phone. Click "All" to enter the list of all videos in this category. The file list is arranged by date. Click "Select" to select multiple files for operation;

Video: All video files;

Photos: All photo files;

Urgent: Collision sensing documents;

Recorder Settings: Enter the recorder Settings interface to set the microphone switch, recording resolution, video file duration, etc.;

specifications of the products

Product features	High definition camera, high definition recording
G-sensor	Built-in (in case of accidents Save it in the background and do not delete it)
LCD screen size	3.16 inches
camera lens	wide-angle lens
language	Support multiple languages
Video file format	AVI
Video resolution	1920*1080P/1280*720P
Video coding format	MJPG
Turn on and off the car	Support the ignition of the car, and delay the shutdown of the engine
Year, month and day	support
memory card	TF (up to 64 GB supported)
Photographic mode	12 million
Photo format	JPEG
microphone	support
Pull the camera back	support
The voltage reduction line	Support (optional)
WIFI function	support
Power interface	5V/2A

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

Do not take photos or video: check if the TF card has enough space and is locked.

When recording, it will stop automatically: due to the huge amount of HD video data, please use a high-speed TF card compatible with SDHC. The high-speed TF card will have the C10 logo.

When replaying images and videos, the "File Error" prompt appears: An error occurred while storing data on the TF card, resulting in incomplete files. Please use the camera's "Format" function to reformat the TF card. The footage looks hazy: Check if the lens is dirty, with dust or fingerprints; before shooting, wipe the lens head with lens paper.

When shooting scenes such as sky or water, the image is very dark: in large contrast scenes, the camera's exposure function will be affected. You can correct it by adjusting the "EV" value in the machine Settings menu.

Horizontal stripe interference in the image: This is caused by incorrect "light source frequency" Settings. Please set it to "50Hz" or "60Hz" according to the local power supply frequency.

When the machine is down: press the reset button briefly to restore the machine

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.

