记录仪产品说明书

独家三路摄像头

WIFI产品请下载
(非 WIFI无需下载)
长按上键打开机器热点
SSID:S15开头 密码：12345678

一、产品规格说明

DDR	内置64M
FLASH	8M SPI norflash
显示屏	3.0英寸IPS高清屏
显示屏分辨率	800X480 像素
外置端口	MINI USB 5V/2A电源接口 最大支持64G Class10 TF卡 2.5mm三节数字后录摄像头接口
扬声器	8欧1瓦喇声道15*10mm扬声器
MIC	4015标准全指向麦克风
功能特性：	
前摄像头	6镜/F2.0光圈/170°广角
车内摄像头(可选)	VGA 120°
GPS轨迹	不支持
AV OUT	不支持
后视摄像头	6米线长/2.5mm接口
拍照	支持
镜头旋转	支持手动调整
动态范围调节	支持
HDR	支持
倒车全屏	支持
视频格式	AVI
图片格式	JPG
存储压缩方式	H.264
电池类型	150mAh聚合物锂电池
语言支持	支持多国语言
重力感应	支持

移动侦测	支持
延时关机	支持
循环录像	支持,不漏秒
录音功能	支持
夜视补光灯	支持(手动开启)
停车监控	支持
前摄录入视频画质	最大支持1680x960（30f/s）
车内摄像头画质	HD1280x720
拍照分辨率	最高支持3M
工作环境：	
操作温度	-40℃~70℃
操作湿度	15-65%RH
存储温度	-40℃~70℃

二、按键功能介绍(图片仅供参考，以实物为主)

1）菜单/拍照
2）电源键
3）下翻键
4）确认键
5）上翻键/长按打开或关闭WIFI
6）车前摄像头
7）麦克风
8）复位键
9）支架卡口
10）后视摄像头接口
11）电源接口
12）TF卡槽
13）显示屏
14）车内摄像头（可选）
15）模式回放键长按/长按夜视灯打开和关闭
16）加锁键

【C2】为开关机电源键，短按录屏，长按为开关机。

【M】为菜单/拍照/回放按键
录像时短按【4】键停止录像，短按【15】进入拍照模式，按【2】键进行拍照；拍照模式下短按【15】进入回放模式，按【OK】键回放，锁定功能：在录像状态下，短按【16】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。
录像时长按【M】进入菜单设置，具体项目如下：

记录仪录像菜单

1	分辨率	1080P FHD/720P
2	循环录影	关/1分钟/2分钟/3分钟/5分钟
3	曝光补偿	-3、-2、-1.0.1.2.3
4	移动检测	开/关
5	录影音频	开/关
6	日期标签	开/关
7	重力感应	关/2G/4G/8G
8	停车监控	关/开
9	日期/时间	调整年/月/日/时/分/秒
10	自动关机	关/1分钟/3分钟
11	按键声音	关/开
12	语言设置	简体中文等多国语言

13	光源频率	50HZ/60HZ 光源频率选择
14	格式化	确认/取消 格式化TF卡
15	屏幕保护	关/3分钟/5分钟/10分钟
16	默认设置	确认/取消
17	版本	机器软件版本号

拍照模式下长按【M】进入拍照菜单设置，具体项目如下：

1	拍摄方式	单拍/2秒定时/5秒定时/10秒定时
2	分辨率	2M/3M/5M/8M/10M/12M
3	连拍	开/关
4	图像质量	优质/标准/经济
5	锐度	强烈/标准/柔和
6	白平衡	自动/日光/阴天/钨丝灯/荧光灯
7	ISO	自动/100/200
8	曝光补偿	-3、-2、-1、0、1、2、3
9	日期标签	关/日期时间

【▶】为下翻键，菜单界面下短按下翻选择，录像界面短按，录音开启/关闭。

【◀】为上翻键：
功能一，菜单界面下短按为上翻选择
功能二，录像时短按【OK】暂停再短按【▼】为车前车内摄像头画面切换功能（不含车内摄像头时无此功能）
功能三，长按【▼】切换车前和后视摄像头画面功能；功能四，切换为车前和后视摄像头画面时，短按【OK】暂停再短按【▼】为车前摄像头和后视摄像头画面切换功能（不含后视摄像头时无此功能）

【OK】为确认键，菜单界面短按为确认，录像界面短按为录像开启/停止切换功能。

后视摄像头介绍（若有此配置）：
在录像状态下，后视摄像头4寸镜头插入AVIN孔，屏幕会有一小块区域显示为后视画面，表示已识别后视摄像头，短按【OK】暂停录像后，长按【▼】可以在车前摄像头、后视摄像头两种显示画面之间切换。当使用倒档时，自动全屏显示后视摄像头画面。

复位键【RESET】
如记录仪发生死机及意外操作不正常故障，短按【RESET】可进入POWER OFF状态，再短按【OK】重启机器。

安装说明

1.请先测试好后视摄像头正常后再进行安装（若有后视摄像头，没有的可忽略）。
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32GB。
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】点烟器可能有电后长线后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。
1.【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，同时摄像头需要连接倒车灯电源（可实现倒车可视功能）。
2.调整镜头位置，确保最佳拍摄视角。
3.发动引擎，检查机器是否正常运作。

功能介绍

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。
关闭汽车发动机，记录仪自动保存已录内容并关机，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。
【注意】
a.记录的时间段可自行在菜单中设置，范围为关闭和1/2/3分钟4档。
b.记录仪录像分别保存于TF卡内DCIM与DCIM文件夹中（若有车内摄像头或者后视摄像头）。

2.使用拍照功能
在开机状态下，短按【OK】键停止录像，短按【M】进入拍照模式，短按OK键即可拍照，如需切换回录像模式，短按几次【M】键即可。
3.使用移动侦测功能（运动检测）

机器进入摄像状态，录像30秒后系统停止录像。如需退出移动侦测模式，菜单界面关闭运动检测功能。

4.重力感应功能
本机内置重力感应器(G-sensor)，如果发生严重车辆碰撞，记录仪会锁定事发发生时的前3秒和后1分秒的影像资料，同时显示屏上方显示锁的图标，锁锁定的影像会存为一个特殊文件，这个文件不会被循环覆盖。
【提示】重力感应器（G-sensor）支持灵敏度调节，可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【M】键记录仪会将当前整段的视频影像锁定。

6.日期及时间设定
录像时长按【M】键进入菜单设置，找到日期/时间菜单，短按OK键进入，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。

7.文件回放
回放模式下按【OK】键回放，如需退出回放模式，再次短按【M】键。

8.倒车可视功能（后视摄像头为可选配件）
首先，必须车充连接好记录仪，拉线器接头上黑红线连接倒车灯。插车充机器会自动启动记录录状态，在录像模式下切换R挡屏幕自动切换到后视镜头，显示倒车影像。结束倒车可轻后机器自动返回录像模式。
提醒：请先调试好后视摄像头正常后再进行安装。

9.停车监控模式（实现无人值守监控录像）
实现这个功能必须在本机连接常电的情况下，在主菜单中打开运动检测和停车监控功能，在待机状态下车辆受到震动或者前方有物体移动时，记录仪可根据重力感应模块G-SENSOR来感应，自动启动机器开自动锁定录像30秒，自启动保存录像文

常见问题

机子出现“格式错误”的提示	设置菜单->恢复出厂设置并格式化内存卡，一般用下卡的问题
画面出现横条纹干扰	请选择正确的供电频率50HZ(PAL)
如何正确开启24小时停车监控功能	正常行驶时，请不要开启，容易造成自动关机或死机停车后才需要开启，请配置降压线或移动电源

夜间拍摄的画面不够清晰	记录仪拍摄依赖于外界检测的光源（比如路灯/车灯），行业涉及如此
机器总是恢复到默认日期和时间	关机前情况下先充满电，可以用车充或者移动电源补充电量
录像文件出现黑秒，是什么原因	（请关闭移动侦测功能/打开循环录像功能）自行配卡的一定选用正品TF高速卡。
为何录制过程中，机子一下子自动关机	请先关闭停车监控功能/使用环境的温度超过70℃后会造成自动关机
【注意】实践证明	大部分问题除存储卡有关，小部分跟电源线有关

本行车记录仪说明书所提供信息仅供参考，用户在使用过程中请以实物样机为准。若因使用本产品而导致罚款或交通意外，本公司不承担任何责任。

USER MANUAL

Exclusive 3 channels camera

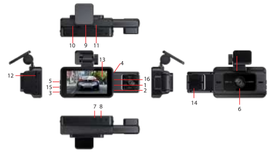
Please download WIFI products
(No download required for non WIFI)
Press and hold the key to open
the hot spot of the machine
SSID: S15 Start Password: 12345678

一、Product Specification

DDR	Built-in 64M
FLASH	8M SPI norflash
Display Screen	3.0 inch IPS HD screen
LCD resolution	800X480 pixels
External port	MINI USB 5V/2A power adapter port Max support 64G Class10 TF card 2.5mm digital 720P rear view lens port
Speaker	Monophonic 15*10mm speaker
MIC	4015 Standard Omnidirectional Microphone
Features：	
Front camera	6-glass/F2.0aperture/170°wide angle
Inside camera （optional）	VGA 120°
GPS tracker	NO
AV OUT	NO
Rear camera	6M cable/2.5mm port
Photo	Support
Lens rotates	Adjust manually
WDR	Support
HDR	Support
Reversing visual	Support
Video format	AVI
Image format	JPG
Compression format	H.264
Battery	150mAh polymer lithium battery
Language	support multi-language
G-sensor	Support

Motion Detection	Support
Delay shutdown	Support
Loop recording	Support,Do not leak seconds
Sound record	Support
Fill light for night vision	Support(Open manually)
Parking monitoring	Support
Front camera	Max 1680x960（30f/s）
In-car camera resolution	HD1280x720
Camera resolution	Max support 3M
Working Environment	
Operating temperature	-40℃~70℃
Operating humidity	15-65%RH
Storage temperature	-40℃~70℃

二、Key Features (picture for reference only, mainly in kind)



1）Menu/Photography
2）Power button
3）Down
4）Confirm button
5）Scroll up key(long press to turn on or off WIFI
6）Front camera
7）Microphone
8）Reset button
9）Holder interface
10）Rear camera interface
11）Power interface
12）TF Card slot
13）Display screen
14）Inside camera(optional)
15）Long press/hold the mode playback button to turn on and off the night vision light
16）Lock key

【C2】Power button, short press to turn on/off screen, long press to switch on/off the device.
【M】Menu / camera / playback button
Press【4】key to stop recording, press【15】to enter photo mode, press【2】to take photo. In the camera mode, press【15】to enter playback mode, press【OK】key to playback. Lock function: In case of video recording, short press【16】for a key lock function to protect the current video file, and this file will not be covered by the cycle video
In video mode ,long press【M】to enter video menu settings as follows:

Recorder Menu

1	Resolution	1080P FHD/720P
2	Loop recording	Off/1minutes/2minutes 3minutes/5minutes
3	Exposure compensation	-3.-2.-1.0.1.2.3
4	Movement detection	on/ off
5	Sound record	on/ off
6	Time stamp	on/ off
7	G-sensor	Off/2G/4G/8G
8	Parking monitor	on/ off
9	Date/time	Adjustment Years months date/hours Minutes seconds
10	Automatic shut-down	Off/1minutes/3minutes
11	keypad tone	on/ off
12	OSD language	Support multilingual

13	Light source frequency	50HZ/60HZ Choose the Light source frequency
14	format	Confirm/ cancel format TF card
15	Screen saver	Off/3minutes/5minutes / 10minutes
16	Default setting	Confirm/ cancel
17	version	Machine software version number

In photo mode ,long press【M】to enter photo menu settings as follows:

1	Shooting method	Single shooting/2 seconds timer / 5 seconds timer / 10 seconds timer
2	Resolution	2M/3M/5M/8M/10M/12M
3	Continuous shooting	on/ off
4	Picture quality	High quality/standard/economy
5	Acutance	Strong/standard/soft
6	White balance	Automatic/sunlight/cloudy/tungsten lamp/fluorescent lamp
7	ISO	Automatic/100/200
8	Exposure compensation	-3、-2、-1、0、1、2、3
9	Time stamp	Off /Date

【▶】Down key, short press【▶】to select function at the Menu interface, short press button to turn on/off sound record at the shooting interface.
【◀】Up key, 1、short press【◀】to select function at the Menu interface; 2、In case of video recording, short press OK button to pause, then short press【▼】button to switch front/inside view image (require inside view lens) ; 3、long press【▼】button to switch front-rear view image; 4、In case of front-rear view image, short press OK button to pause, then short press【▼】button to switch front rear view image (require rear view lens)
【OK】Confirm button, short press to confirm in the menu interface , short press to video record on/off in the video mode

Rear view lens (optional):
In case of video recording, 4 pin plug of rear view lens insert AV in hole of device, there's a rear view image in top right of the screen, that means connected successfully; short press OK button to pause, long press【▼】button to switch front/rear view image. When hang up 'R' gear, it will show full image of rear view

Note: This device can only support dual cameras to video record at the same time instead of 3 channels camera, that is front-inside camera or front-rear camera; if installed a rearview camera and choose front-inside view mode, it will automatically indicate full image of car reversing visual when you hang up "R" gear, but won't affect front-inside video record, also will automatically switch back front-inside view after cancel "R" gear.
As for system update to support 3 channels camera to video record at the same time, please prevail in kind and we're sorry for no further notice.

Reset key【RESET】
If the recorder crashes and accidental operation is not a normal fault, press【RESET】to shutdown the device, then press【OK】to reboot the device.

Installation Notes

1. Please test the rear view camera firstly, if it works well then install (package without rear view lens can be ignored).
2. Turn off the car engine.
3. The TF card insert the recorder slot.
【Note】Please use the high speed TF card (Class10 above), capacity of not less than 4GB, TF card maximum support 32GB.
4. The recorder via a bracket fixed to the front windshield of the car.
5. Insert the car charger into the car cigarette lighter.
【Note】When wiring, extend the charging line along the edge of the car door frame and carpet under the car laying.
6. Install the rear camera at the rear of the vehicle, and pay attention to the up and down direction. Wiring can be buried along the edge of the car roof laying.【Note】There are two ways to install the rear camera:
A. Adsorbed on the glass above and behind the car, hands-on self-installation (Reversing visual function can not be achieved, only real-time recording rear view).
B To find a professional installation staff installed in the license plate above the camera at the same time need to connect the power reversing lights (Reversing visual function can be achieved).
7. Adjust the lens position to ensure the best viewing angle.
8. Start the engine and check that the machine is operating properly.

Features

1.Use the automatic recording function
Start the car engine, the recorder automatically starts to open the recording function.
Close the car engine, The recorder automatically saves the contents of the log and shuts down, recorded video segments are stored on the TF card. When the TF card is full, the recorder will overwrite the oldest recorded image preferentially.
【Note】
a. Time segment of record can be set 1/2/3 minutes in the menu .
b. The video individually saved in the folder named "DCIMA" and "DCIMB" in TF card (package include rear view lens).

3. Use motion detection
In standby mode, enter the menu screen open the motion detection mode. When the lens is sensitive to the peripheral area of a moving object, the state machine into the camera, recording 30 seconds after the system stops recording. To exit the motion detection mode, in standby mode to enter the menu screen close motion detection mode.

4. G-sensor
The built-in gravity sensor (G-sensor), if serious vehicle collision, the recorder will lock the first 5 seconds and 10 seconds after the image date when the accident occurred while the bottom left of the display screen displays a lock icon (locked images will be saved as a special file, the file will not be overwritten cycle.
(note) Gravity sensor (G-Sensor)sensitivity adjustment support may actually need to change setting in the setup menu according to their image.

5.The device has a key lock feature that will need to retain an image without being locked loop overwritten. In the video mode, short press【M】key logger will then lock the entire video image.

6. In shooting mode, Press the【M】key to enter the menu setting, find the date/time menu, short press the【OK】button to confirm and return to the setup menu settings, press the【M】key to exit the menu setting.
【note】In order to effectively record the date and time traffic safely accident forensics, before using the menu setting.

7. File playback
In the playback mode, press the (OK) key to play back. To exit playback mode, press MODE button again.

8. Reversing visual function
First , you must connect the dvr with car charger, rear-view camera connect the reversing lights. Insert the car charger, machine will automatically start recording status, screen switch R position in the recording mode automatically switches to the rear-view camera, display reverse image. After reversing visual machine automatically return to video mode.
Reminder: Please test the rearview camera is normal before installation.

9. Parking monitor(To achieve unattended surveillance video)
To achieve this function must be connected to the machine in the case of electricity, in the main menu to open the motion detection and parking monitoring function, in the standby state of the vehicle under vibration or moving objects in front, the recorder according to G-sensor to sense automatically start the machine and automatically locks the video for 30 seconds, and automatically save the video file, the video 30 seconds after 5 seconds without the operation will automatically shut down.
【note】This function is only used when plugging in. Please turn off the motion detection and stop monitoring function during normal driving.

FAQ

Machine appears "file error" message	Settings menu -> Restore factory settings and format the memory card ,the general problem is TF card
The screen appears horizontal stripes interference	Please select the correct power supply frequency 50HZ(PAL)
How to properly turn on the 24-hour parking monitoring function	While in normal driving, please do not turn,it is easily lead to automatic shutdown or crash,After parking is required to open,configure the buck line or mobile power please

Night shooting screen is not clear enough	Recorder shooting depends on the outside strong light source (such as streetlights or car light)
The machine always reverts to the default date and time.	Shutdown in the first case full of electricity, you can use car charger or mobile power supply to add power
what is the reason for video file leak seconds	Turn off motion detection /Turn on the loop recording function / With a certain choice of their own genuine card C10 high speed card
Why during recording, the machine automatically shut down suddenly	Please turn off the parking monitoring function first/Ambient temperature exceeds 70 °C will cause automatic shutdown
【Note】Practice proof	Most of the problems sources from the memory card, a small part cause of power cord

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