



Vehicle Blackbox DVR 行车记录仪

使用说明书
USER MANUAL
РУКОВОДСТВО

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 SDHC 相容的高速 C10 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。

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”。

当机后请短按复位键进行恢复重启。

Introduction:

Thank you for purchasing this FHD Digital Car driving recorder. This product is based on maintaining the original appearance of the original car, and hard evidence for today's traffic accident specially developed a fashion, beautiful, convenient and durable multi-vehicle driving recorder, can record your life lit by lit and it's the best choice for escort for your trip.

Product Overview:

This product is a leading FHD Digital Car driving recorder, with FULL HD 1080P high resolution video, G-Sensor, SOS emergency saving, Audio saving, HDMI output etc. function. Compared with the traditional video, this product is exclusive design, elegant appearance, does not affect the overall appearance, humanized design concept allows you to enjoy the noble class treatment!

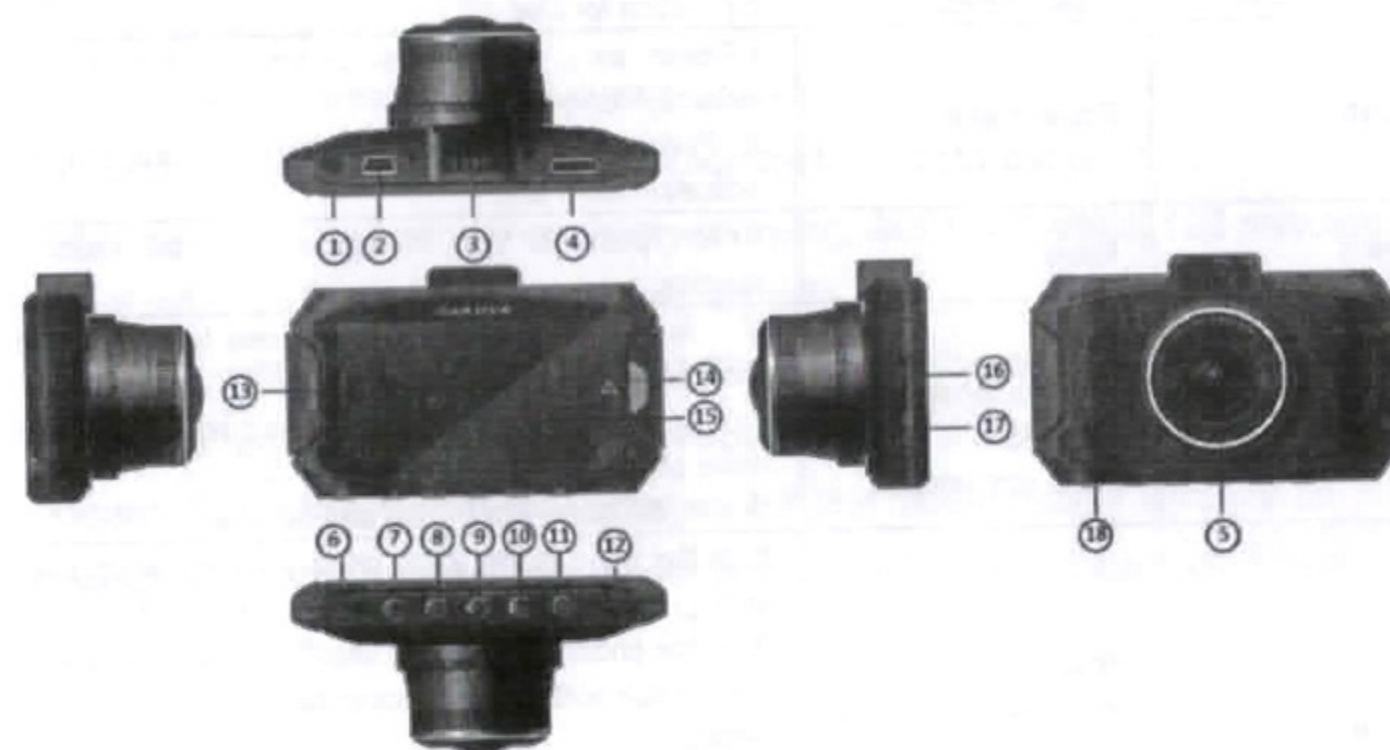
Warm prompt:

- This user manual will detail how to use, operation, technical specifications and precautions. Before use, please read this manual thoroughly and fully understand, Please keep this manual, we hope our products can meet your needs and long-term service to you!
Using this product, enjoying the real high quality life.
- This manual in the printing process, the machine because of the appearance, software or hardware repair process leads to the same part of the manual operation of non-conformance, the Company has maintained the final interpretation!
- Do not put the machine into the damp working condition, this machine have no waterproof function, so please make the machine no pour water or exposed to rain water.
- Do not try open the shell or try repair by yourself, if the accessories for this machine have any problem, please do to the professional maintenance station to repair.
- Do not use the thrill chemical substance, clean solvent or cleaner to clean this machine, please use the moist soft cloth to clean.
- Do not use this machine under the condition that the dust and density is too large, to avoid affecting the video.
- Please care the environment, don't discard this machine randomly; do not throw this machine into fire, otherwise will have an explosion.
- Please pay attention to clean the lens surface, use the moist soft cloth clean the lens then use, to avoid the video is not so good.

Content Guide

- (A) Unit Structure chart
- (B) Button and Interface Instruction
- (C) Charge and Power on/off instruction
- (D) Photograph/Video/Playback basic operation instruction
- (E) Menu Setting Instruction
- (F) Product Specification
- (G) Frequently Asked Questions

A. Unit Structure chart



- | | |
|----------------------------|--------------------------|
| 1) TV-OUT or GPS | 2) USB Interface |
| 3) Holder Connector | 4) HDMI |
| 5) HD Cameras | 6) Power Button |
| 7) UP Button | 8) MENU Button |
| 9) OK Button | 10) MODE Button |
| 11) DOWN Button | 12) Reset |
| 13) Power Indication Light | 14) SOS Emergency Button |
| 15) LCD | 16) TF Slot |
| 17) MIC | 18) Speaker |

B: Button and Interface Instruction:

Button Name	Button Function	Instruction for Use
Power	Power on/off	1. Power on : Short press to turn on and the red indication lamp light. 2. Power off : Long press to turn off and the red indication lamp out.
Reset	Reset	1. short press to turn on again when the machine standby
OK Confirmation	Video start/stop/photograph function Menu confirmation	1: In the video mode: short press to start record, short press again to stop record 2: In the photograph mode: short press to confirm make photo 3: In the menu mode: set and confirm
Menu	Photograph/record/playback, all functions setting	1. In the video mode: short press once to switch video setting; short press twice to switch system setting. 2. In the photograph mode: short press once to switch photograph setting; short press twice to switch system setting; 3. In the video/photo playback mode: short press once to switch playback setting; short press twice to switch system setting;
Up	Choose up Turn on/off the audio recording function	1. In the menu mode : Up 2. In the video mode : short press to turn on/off the audio recording
Down	Choose down	1. In the menu mode : Down
Mode	Switch among photograph/record/playback	1. In the video mode: Switch among photograph/record/playback.
SOS Emergency Button	Press to lock the file	1. Press to lock the file when under the video status.
TF Card Slot	TF Card Slot	1; Insert the TF Card into this Slot
HDMI Interface	High definition output	1. Connect the HD television by HDMI cable, in the video mode, view the video/photos; in the photograph mode, make photos, view video and photos.
AV Slot	AV Output or GPS Output	1. The AV slot can't be acted as AV output if the machine be set with GPS, only acted as GPS output. 2. The AV slot can't be acted as GPS output if the machine be set without GPS, only acted as AV output.
Holder Interface	Install holder	1. Install the holder on the machine
USB Output	storage/charging	1: Connect USB cable for auto recording, and view the video/photo. 2: Connect USB cable for auto charging

C. Charge and Power on/off instruction:

1. Charge Method:

1.1: Charge by connecting the cigarette lighter

1.2: Charge by connecting the computer via USB data cable

The blue indication light will on when charging, and need about 120 minutes to be full, after it's full the indication light will off.

2), Charge with the charger: Connect the charger base by USB data cable, then make the charger plug into an electrical outlet, it charges, and the blue indicator light will on, after the battery is full, the blue indicator light will off.

Attention: 1. When the battery power is low, CAD DVR will turn off directly, and then charge.

2. Operating guide:

Auto power on/off:

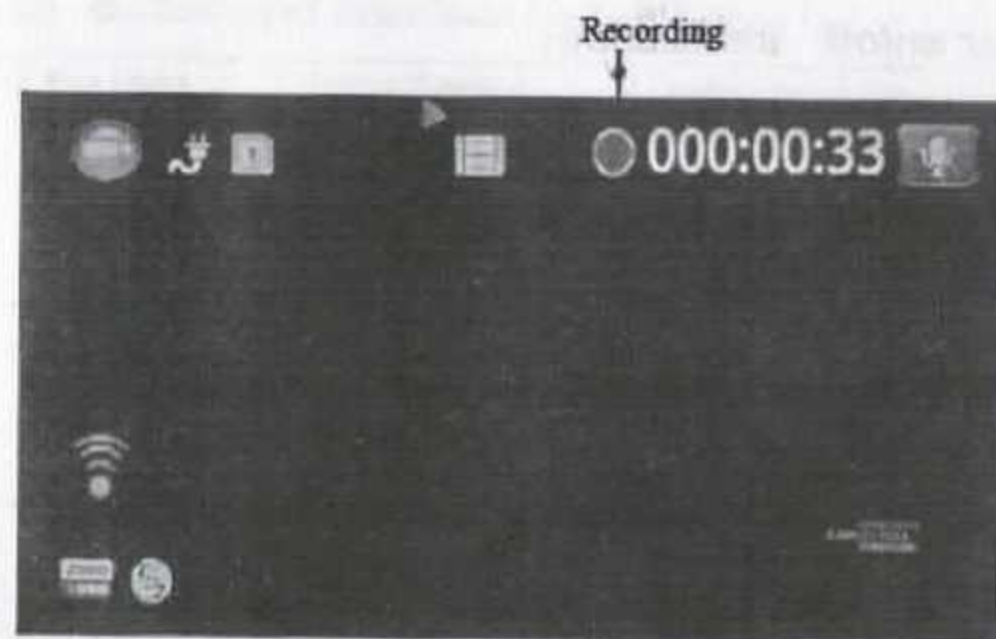
After the car connect with the car power, this machine support auto video record when the car startup, auto power off and save the video when the car shut down.

2.1: the car startup- cigarette lighter connect power- auto power on and video record.

2.2: the car shut down - cigarette lighter disconnect power- auto power off and save the video.

PS: The key for power on/off: 1. The car power connect the cigarette lighter; 2. the car start on/shut down, the cigarette lighter must have the two actions of electrify/outage

Attention: very few cars the cigarette lighter have no outage after the car shut down; if there is no two actions of electrify/outage, then the machine can't auto power on/off, if such condition happened please consult 4'S shops or car beauty shops for modify to solve the problem.



3. Before installation, operate instructions by hand:

3.1. Power on/off by hand

Short press Power button, the red indication lamp will be light up. Enter the video mode, Long repress Power button again, the red indication lamp will be off.

Attention: the device will be turn off automatically after a warning of low battery when the power is very low.

3.2 Charge by connecting the computer via USB data cable

Car DVR mainly use while charging, the full built-in battery could maintain about 5-8 minutes for standby, if use for long time, must connect the power cable for charging; and use by connecting the mobile power at home.

D: Photograph/Video/Playback basic operation instruction:

Video Mode:

Short press mode button to switch to video mode, there is a video recording icon shown on the top left corner of the LCD; short press OK button to start recording, the red video indication light start to flash, that is the DVR is under recording.

Video process: Power on—enter video mode—short press REC button to record—short press REC button again to stop recording.

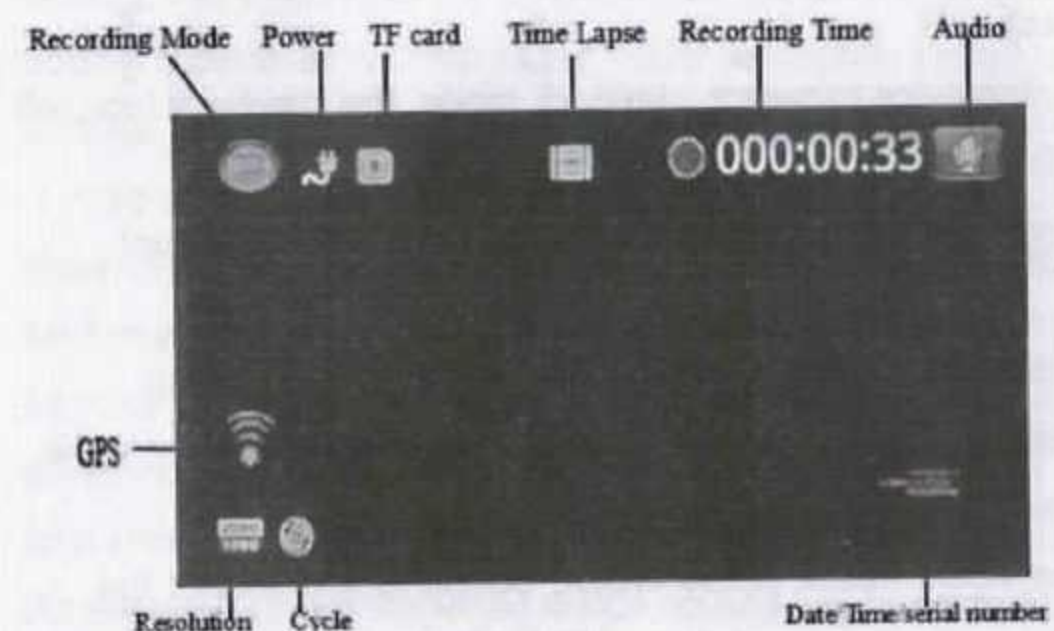
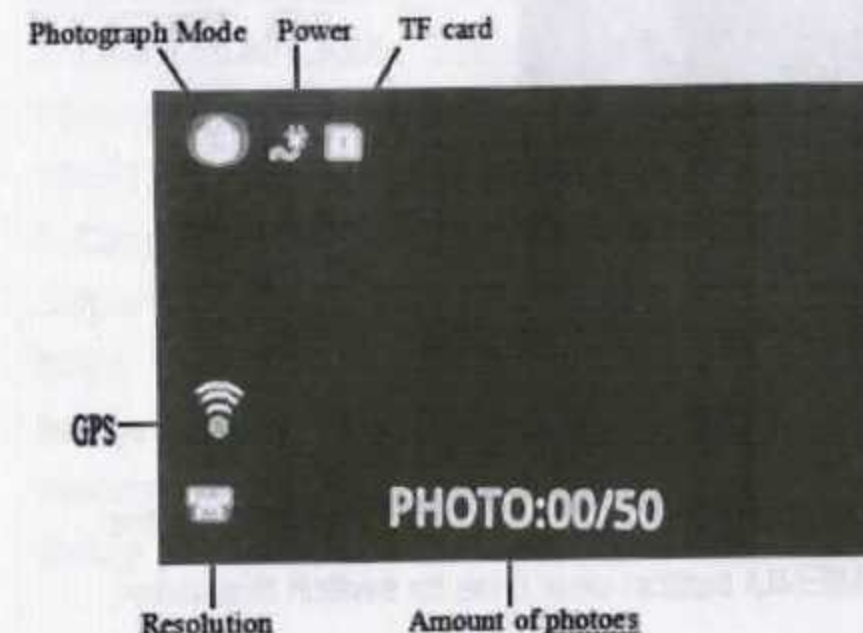


Photo Mode:

Short press mode button to switch to photo mode, there is a photo shooting icon shown on the top left corner of the LCD, short press OK button to shooting, when photography is finished, the LCD will be flash one time.

Attention: 1. Under the video status, press MODE button to screenshot the current video; first stop recording, then press MODE button one time to switch the photograph mode; 2. This machine is limited only for 50pcs photos, and can't take photos when over 50pcs.

Photograph process: Power on—enter video mode—press MODE button to switch the photograph mode—press OK button to make photos.



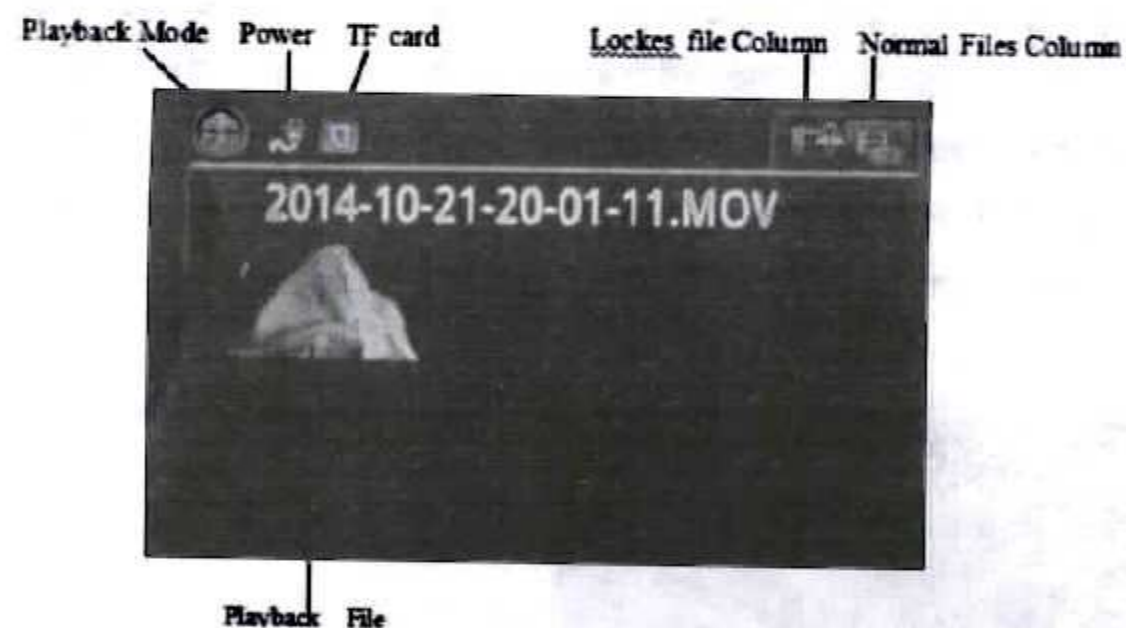
Video/Photo Playback

Short press Mode button twice to switch playback mode, the playback icon will be shown on the LCD top left corner:

1. Short press up/down button to selecting the file section (locked section/regular file section);
2. Short press OK button to enter the playback section, then short press up/down button to selecting the file, press OK button again to enter single file playback (press OK button again to start playback the video).

Attention: Under the video status, press MODE button to screenshot the current video; first stop recording, then press MODE button twice to switch the playback mode

Playback process: Power on—enter playback mode—press MODE button twice to switch the playback mode—press up/down button to enter the section and press OK button to choose—press OK button to enter single file playback (press OK button again to start playback the video).



E: Menu Setting Instruction

Video setting

After power on enter the video mode, the video icon will be shown on the LCD top left corner: short press MENU button one time to switch the video

setting, the video icon will be shown on the LCD top right corner: there are 4 setting options at the first page (Video resolution, Image quality, Time Lapse Setting, Metering mode setting); there are 4 setting options at the second page (Frequency, Image label setting, circulate video setting, LDWS Detection); there are 4 setting options at the third page (LDWS Calibration ,G-sensor, Motion detection, MIC); there is 1 setting option at the fourth page (Parking Monitor); short press up/down to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.

Attention: Under the video status no any use to press MENU button, first stop recording, then press MENU button again to switch the video mode



Video resolution:

1. Chipset A7LA30: Four modes: 1920×1080 30P 16:9/HDR 1920×1080 30P 16:9/1280×720 60P 16:9/1280×720 30P 16:9

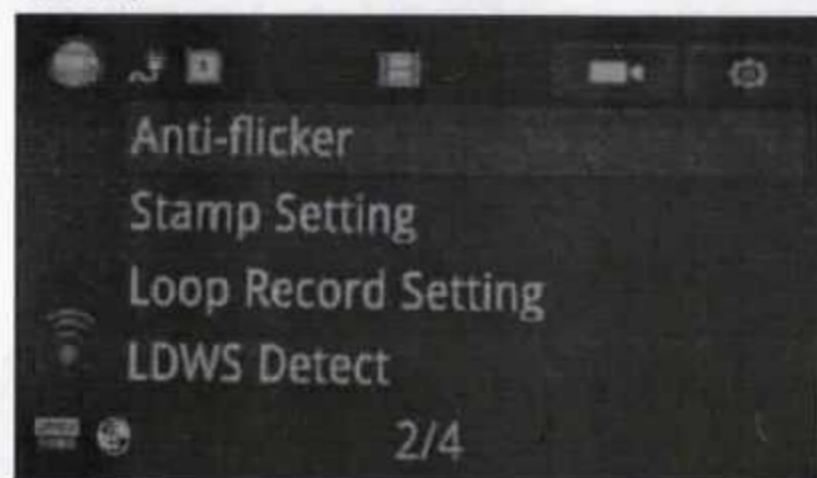
2. Chipset A7LA50: Six modes: 2560×1080 30P 21:9/2304×1296 30P 16:9/1920×1080 30P 16:9/HDR 1920×1080 30P 16:9/1280×720 60P 16:9/1280×720 30P 16:9

3. Chipset A7LA70: Seven modes: 2560x1080 30fps/2304x1296 30fps/1920x1080 60fps/1920x1080 30fps/HDR1920x1080 30fps/1280x720p 60fps/1280x720 30fps,

Image quality: Three effects: superior/good/general, the default is good, recommend the default is superior;

Delay power off: off/0.2 seconds/1 seconds/5 seconds/30 seconds

Metering mode setting: Three modes: center/average/point, the default is center;

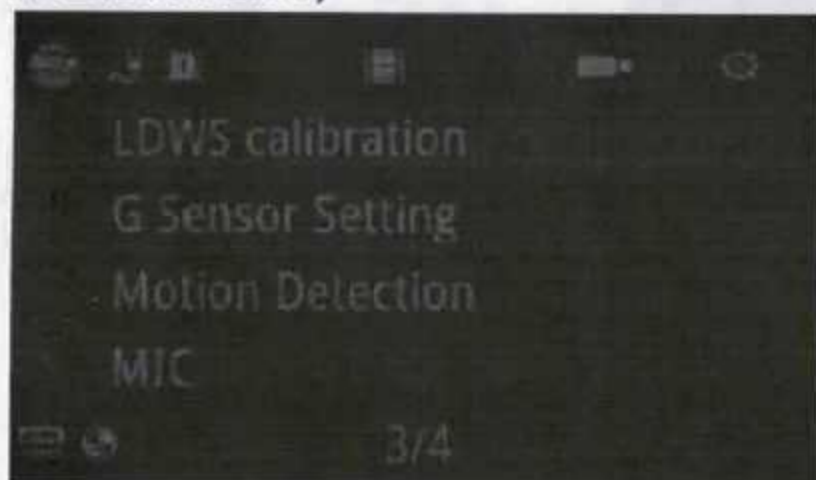


Frequency: Three modes: Auto/60Hz/50 Hz , the default is 50 Hz

Image label setting: Three modes: date/time/car driver no. the default is off

circulate video setting: Three modes: 1minute/3 minutes /5 minutes the default is 5 minutes

LDWS Detection: on/off the default is off.(only suitable for chipset A7LA50/A7LA70)

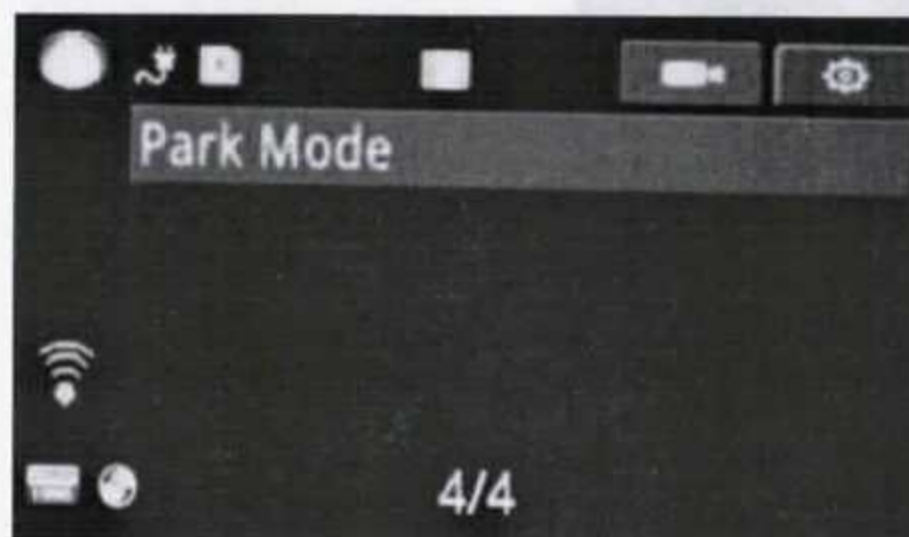


LDWS Calibration: show purple/red two lines, press up/down button directly to adjust the purple line, press MODE button then press up/down button to adjust the red lines. (only suitable for chipset A7LA50/A7LA70)

G-sensor: Four modes: off/high/middle/low the default is middle, recommend the default is middle

Motion detection: on/off the default is off, recommend the default is off.

MIC: on/off the default is on, recommend the default is on.



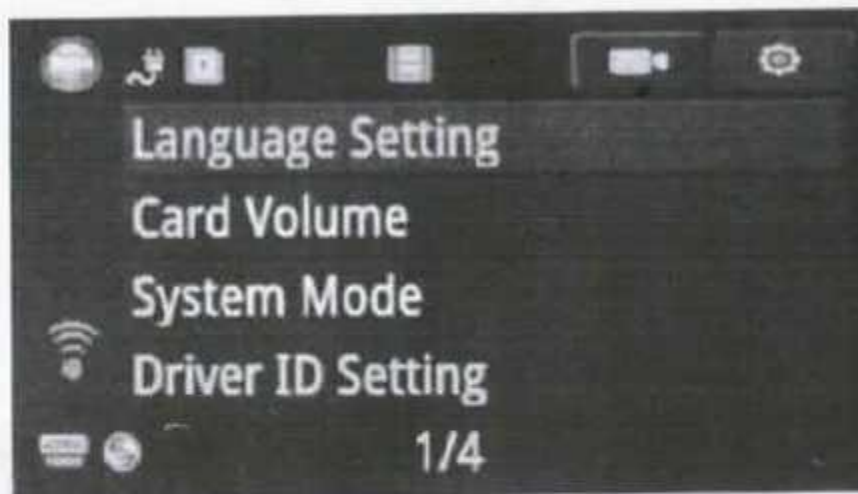
Parking Monitor: on/off, the default is off

System setting:

After power on enter the video mode, the video icon will be shown on the LCD top left corner: short press MENU button twice to switch the system setting, the video icon will be shown on the LCD top right corner: there are 4 setting options at the first page(Language setting, Card Capacity, System format, Car driver no.); there are 4 setting options at the second page (Time setting, Format, Default setting, Auto Power off setting); there are 4 setting options at the third page (Backlight setting, Delay power off, GPS setting, Warning tone setting) ; there are 1 setting options at the forth page (Version information); short press down button to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.

Attention:

Under the video status no any use to press MENU button, first stop recording, then press MENU button twice to switch the system setting



Language setting: English//Simplified Chinese/Traditional Chinese/Russian/Polish...etc

Card Capacity: Three modes: total capacity /usage /surplus

System format: NTSC/PAL the default is PAL

Car driver no.: set1-9 9 positions



Time setting: set year/month/date/time

Format: choose √ or ×, choose √ means format, choose × means no;

Default setting: choose √ or ×, choose √ means reset, choose × means no;

Auto Power off setting: Four modes: off/1 minute /3 minutes/5 minutes the default is off;

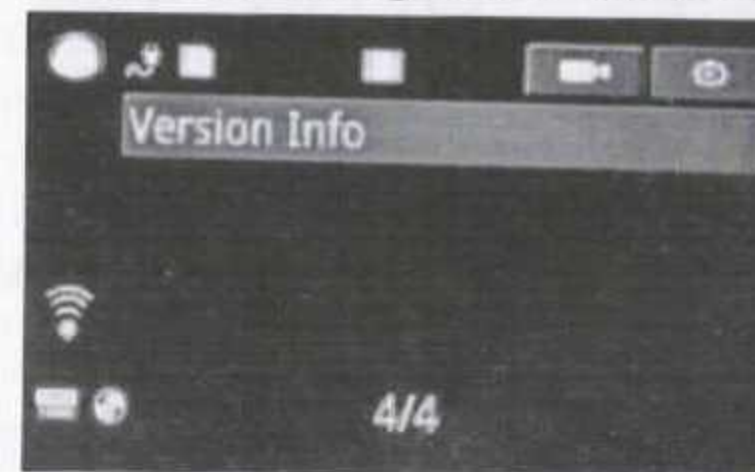


Backlight setting: Four modes: off/1 minute /3 minutes/5 minutes the default is 3 minutes;

Delay power off: Four modes: off/15 seconds /30 seconds /1minute the default is 15 seconds;

GPS setting: on/off (only for the unit with GPS function)

Beep Sound setting: on/off the default is on;



Version information: view the version information;

Photograph setting

After power on, short press MODE button to switch the photograph mode, the photo icon will be shown on the LCD top right corner: there are 3 setting options (Photo resolution, Image quality, Image label setting); short press up/down button to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.



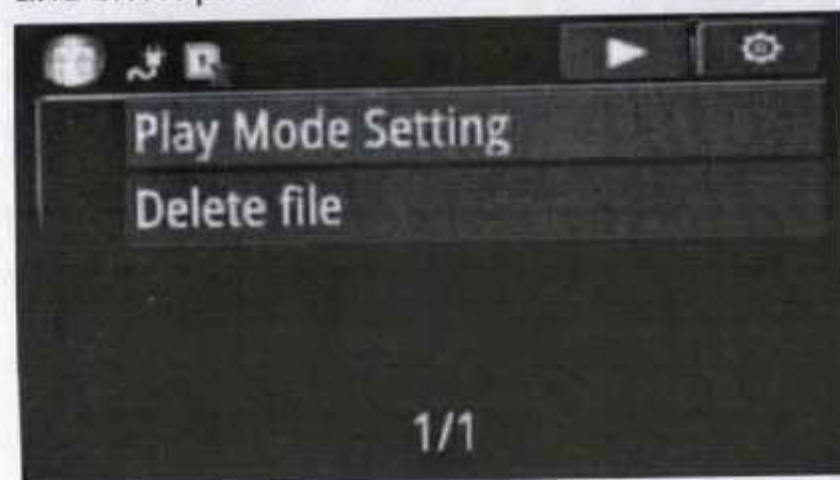
Photo resolution: Three modes: 4M(2688×1512 16:9)/9M(4000×2250 16:9)/13M(4800×2700 16:9) the default is 4M

Image quality: Three modes: superior/good/general the default is superior

Image label setting: Three modes: date/time/car driver no. the default is off

Playback setting

After power on, short press MODE button twice to switch the playback setting, the photo icon will be shown on the LCD top right corner, press MENU button one time to enter setting, there are 2 setting options (Play mode setting, Delete the file); short press up/down button to switch the setting options, short press OK button to enter the setting, short press up/down button to modify the setting, and short press OK button to confirm the modification.



Play mode setting: Four modes: play single/ play all/ single loop/all loop the default is play single

Delete the file: Two modes: delete the current file/delete all files the default is delete the current file

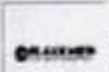
F. Product Specification:

Product Feature	HD Camera, HD Recording
G-sensor	Built-in(to save the file emergency, and cannot be deleted anymore if the collision of vehicles happen)
LCD Size	2.7LTPS 16:9
Lens	170 Degree A+ HD ultra wide angle
Language	Russian/English/Simplified Chinese/Traditional Chinese/Polish...etc
Video Format	MOV.
Video Resolution	1. Chipset A7LA30: Four modes: 1920×1080 30P 16:9/HDR 1920×1080 30P 16:9/1280×720 60P 16:9/1280×720 30P 16:9 2. Chipset A7LA50: Six modes: 2560×1080 30P 21:9/2304×1296 30P 16:9/1920×1080 30P 16:9/HDR 1920×1080 30P 16:9/1280×720 60P 16:9/1280×720 30P 16:9 3. Chipset A7LA70: Seven modes: 2560×1080 30fps/2304×1296 30fps/1920×1080 60fps/1920×1080 30fps/HDR1920×1080 30fps/1280×720p 60fps/1280×720 30fps
Video Codec.	H. 264, Audio: AAC
Color Effect	Standard
Loop Recording	Recording with seamless, no leakage
Auto turn on/off while car power on/off	Support turn on while car starts. And turn off while car shutdowns.
Year/Month/Day/Hour/Minute	Support
Photo Pixel	4M/9M/13M
Photo Format	JPEG
Memory Card	TF (up to 64GB Max)
MIC	Support
Built-in Speaker	Support
TV Output	PAL/NTSC
GPS	Support Optional(With GPS no AV, or With AV no GPS)
Frequency	50HZ/60HZ
USB Function	1: Storage2: Charging
Power Interface	5V 1.5A/1+5-
Battery	Built-in polymer Battery
Parking Monitor	Support
1 shoot 1 second	Support
LDWS	A7LA50&A7LA70Support (A7LA30 no Support)


GPS player software Installation and Using Instruction(Only suitable for the units with GPS function)

If need check the GPS information , the professional player must be installed firstly

1.Please install the file provided in the unit:

2.Please copy the file  BlackView_Flyer... BlackView CAM PL... to computer and install.

Using the player software:

- (1) Please open  BlackView_Flyer... BlackView CAM PL... and install it for the first use.
- (2) Click File -Open to choose the file which need play, and open the play mode directly, as below



G. Frequently Asked Questions

Under normal operating conditions, if there is problems with the device, please refer to the following methods to solve.

Cannot take picture and record

Please check whether there is enough space for of TF card, or if it is locked.

Stopping automatically while recording

Due to the huge amount of HD video data, please use high-speed C10 TF card with SDHC compatible, there will bethemarkofC10 on the TF card.

There is "wrong file" shown on LCD when replay the photo/video

Uncompleted files because of TF card storage error, please format your TF card.

Fuzzy image

please check if the lens stay with dirt, fingerprints, please cleaned lens with paper before shooting.

Dark image whenshooting the scene of sky or water

There will have an impact on the exposure when the big difference between the scene. Please adjust the "EV" in the menu setting.

The color is not good in the cloudy or indoor

Please check the "white balance" is Auto or not in the menu.

Horizontal stripes interference in the image

This is due to the wrong setting of light frequency error, please set the frequency 60HZ or 50HZ according to the local power supply.

Hang off

Please reset to recover when device hangs off.