



Introduction:

Thank you for purchasing this FHD Digital vehicle driving recorder. This product is based on maintaining the original appearance of the original vehicle, 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 vehicle driving recorder, with FULL HD 1296P high resolution video (A7LA30 Support Max 1080P), G-Sensor, SOS emergency saving, ADAS (A7LA30 do not support), 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 protect the environment, don't discard this machine randomly; do not throw this machine into fire, otherwise will have an explosion.

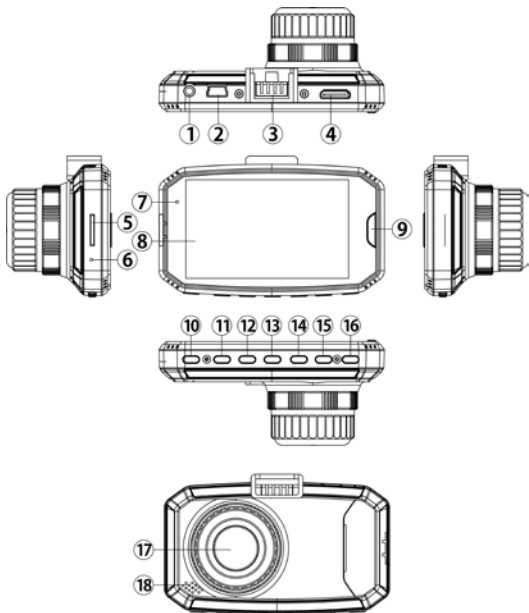
●Please pay attention to clean the lens surface, use the moist soft cloth clean the lens then use, to avoid the video is not so good.

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) AV-OUT or GPS 2) USB Interface 3)Holder Connector 4) HDMI

5) TF card slot 6) Mic 7) Indicator 8) LCD screen

9) SOS Button 10)Power Button 11) Up 12) Menu

13) Ok

14) Mode

15) Down

16) Reset

17) HD Camera

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 on. 2. Power off : Long press to turn off and the red indication lamp off.
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 recording 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. 2.Screen shot : In the video mode, short press mode button could screen shot the current figure.(Do not support at resolution: 2560x1080 30P 21:9 / HDR1920x1080 30P 16:9)
SOS Emergency Button	Press to lock the file	Press to lock the file when under the video status.
TF card Slot	TF card Slot	Insert the TF card into this Slot
HDMI Interface	High definition output	Connect the HD television by HDMI cable, replay video and photo.
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	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 60 minutes to be full, after it's full the indication light will off.

2. Operating guide

Auto power on/off:

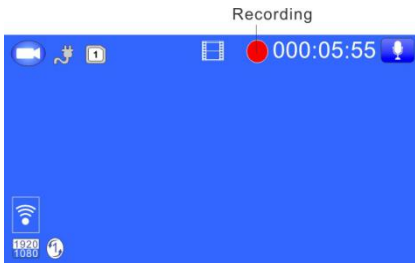
After the vehicle connect with the vehicle power, this machine support auto video record when the vehicle startup, auto power off and save the video when the vehicle shut down.

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

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

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

Attention: very few vehicles the cigarette lighter have no outage after the vehicle 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 vehicle beauty shops for modify to solve the problem. The GPS symbol will not appear when the unit without GPS function in below picture, and this GPS shows tracking of the longitude and latitude of driving,without navigation function.



3. Before installation, operate instructions by hand:

3.1. Power on/off by hand

Short press Power button, the red indication lamp will be on. Enter the video mode,

Long press 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

vehicle DVR mainly use while charging, the full built-in battery could maintain about 3-5minutes 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, short press OK button again to stop recording.

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

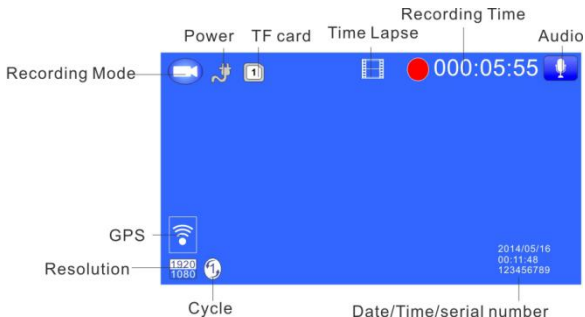
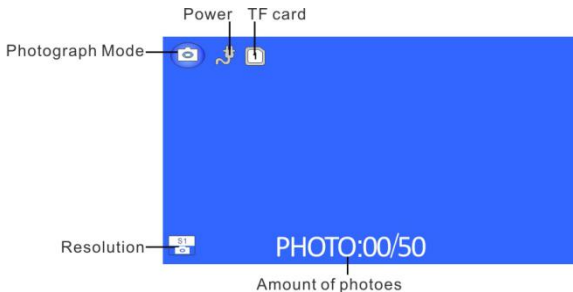


Photo Mode:

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 screen shot 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.



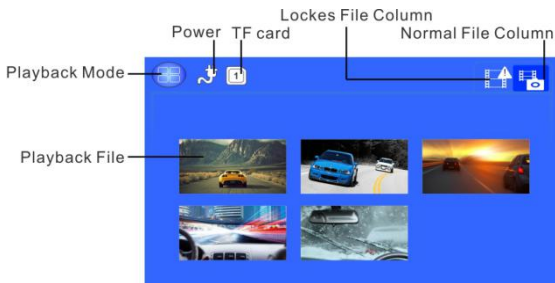
Video/Photo Playback

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, Meter mode setting); there are 4 setting options at the second page (Anti-flicker, Stamp setting, Loop

Record Setting, ADAS Detect) : there are 4 setting options at the third page (ADAS Calibration ,G-sensor, Motion detection, MIC) ; there is 1 setting option at the fourth page (Park Mode) ; 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 : 1920x1080 30P 16:9/HDR 1920x1080 30P 16:9/

1280x720 60P 16:9/1280x720 30P 16:9

2. Chipset A7LA50: Six modes: 2560x1080 30P 21:9/2304x1296 30P

16:9/1920x1080 30P 16:9/HDR 1920x1080 30P 16:9/1280x720 60P
16:9/1280x720 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;

Time Lapse Setting: off/0.2 seconds/1 seconds/5 seconds/30 seconds, the default is off Time Lapse Setting means function of 1 second 1 shoot, also could extend shooting time, support Park mode 0.2second means 1 second 5 photos, 1second means 1 second 1 photo, and s on

Intelligent Mode : If detect objects are moving ahead, entering video recording; when detecting the recorded image keep static for 3minutes, then unit will stop recording, and turns to time lapse recording(the default setting is 1 second 2 shoots), during this process, when detect objects are moving ahead, the time lapse recording will stop and turn on regular recording, all the above process will act recycle.

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



Anti-flicker: Three modes : Auto/60Hz/50 Hz (please set according to local frequency)

Stamp Setting: Three modes : date/time/vehicle driver no. the default is off

Loop Record Setting: Three modes : 1minute/3 minutes /5 minutes the default is 5 minutes

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

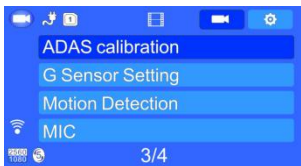
ADAS include below 4 parts/functions: (Do not support at resolution 2304x1296、HDR1920x1080)

LDWS - Lane Departure Warning system: when vehicle exceed white lines during changing lanes, it will remind.

FCWS - Front Collision Warning system: when predict the dangerous driving it will remind the driver 3 seconds before dangerous happens, and called the third eye which never tired.

FCMD - Front vehicle Moving Detection: when the traffic red light turns green, and the front vehicle moving, it will remind.

LLWS - Low light Warning System: it will remind the driver when low light environment.



ADAS Calibration : show purple/red two lines, purple line represent the farthest line, and red line represent the nearest line to vehicle headstock, DVR could distinguish whether there's vehicle in front (FCWS) or whether the vehicle change lane (LDWS) according to these two lines. So when open the ADAS setting, please set these two lines firstly accordingly, 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)

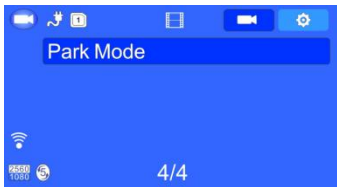


PS: Environment like weather, light etc is possible to influence its work exactness of ADAS.

G-sensor setting: 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.



Park Mode: 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, Car Volume, System Mode, Drive ID Setting); 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 2 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 volume: Three modes : total capacity /usage /surplus

System mode: NTSC/PAL the default is PAL

Driver ID setting: set1-9 9 positions



Time setup: 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;



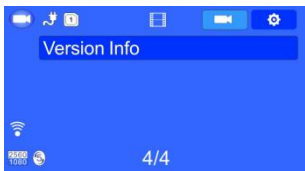
Backlight Off setting: Four modes : off/1 minute /3 minutes/5 minutes the default is 3 minutes;

Without any buttons press operation for unit during the setted time,the screen will off, but the unit is still working.

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

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

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



Version info: 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.

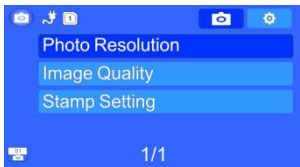


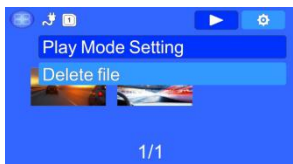
Photo resolution: Three modes:4M(2688×1512 16:9)/9M(4000×2250 16:9)/13M(4800×2700 16:9)/16M (5312×2988 16:9) the default is 4M

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

Stamp setting: Three modes : date/time/vehicle 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 file: Two modes : delete the current file/delete all files the default is delete the current file

F. Product Specification:

Product Feature	HD Camera, Super HD Recording
LCD Size	2.7LTPS 16:9
Lens	178 Degree A+ HD ultra wide angle
Language	Russian/English/Simplified Chinese/Traditional Chinese/Polish...etc.
Video Format	MOV.
Video Resolution	<p>1. Chipset A7LA30: Four modes : 1920x1080 30P 16:9/HDR 1920x1080 30P 16:9/1280x720 60P 16:9/1280x720 30P 16:9</p> <p>2. Chipset A7LA50: Six modes : 2560x1080 30P 21:9/2304x1296 30P 16:9/1920x1080 30P 16:9/HDR 1920x1080 30P 16:9/1280x720 60P 16:9/1280x720 30P 16:9</p> <p>3. Chipset A7LA70: Seven modes : 2560x1080 30fps/2304x1296 30fps/1920x1080 60fps/1920x1080 30fps/HDR1920x1080 30fps/1280x720p 60fps/1280x720 30fps</p>
Video Codec	H. 264, Audio: AAC
Loop Recording	Support with seamless recording
Auto turn on/off while vehicle power on/off	Support turn on while vehicle starts. And turn off while vehicle shutdowns.
Year/Month/Day/Hour/Minute	Support
Photo Resolution	16M/13M/9M/4M
Photo Format	JPEG
Memory card	TF (Max support 64GB)

MIC	Support
Speaker	Built in
TV Output	PAL/NTSC
GPS	Optional(With GPS no AV, or With AV no GPS)
G-sensor	Built in
ADAS Function	LDWS,FCWS,FCMD,LLW (only apply to A7LA50&A7LA70 chipset)
Frequency	50HZ/60HZ
USB Function	1: Storage 2: Charging
Power Interface	5V 1.5A/1+5-
Battery	Built-in Li-ion Battery
Parking Mode	Support
1 second 1 shoot	Support

G. 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. The player is put in DVR flash, please get a USB cable to connect dvr with computer.

2. Please copy the file



from flash to computer and install it.

Using the player software:

1. Please choose "Run as administrator" to open



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



H. 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 be the mark of C10 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 when when shooting 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.