



4K ADAS Pro



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DescriptionUp KeyDown Key

Number	Icons	Name	Operating instructions
1		Menu keys	Mode keys for switching between camera/photo playback functions; Short press this key to bring up the function settings menu in standby state; Short press the menu button to add/unlock in the recording state
2		Upturn key	In the menu options, select the function key up; Long press to turn on WiFi on standby or camera.
3		Switching key	Turn the host power on or off; Camera/shoot/OK key, short press this key in camera mode to start the camera, and short press again to stop the camera; Short press this key to take photos in photo mode; OK key in menu mode; short press to playback/pause in playback mode.
4		Flip down key	In the menu options, select the function key down; in standby or recording, turn recording and microphone on or off.
5		Camera lens	Capture the image
6		Mode key	Long press to switch front and rear cameras in standby or video; Short press in standby to switch into the photo status; Press twice in a row in standby state to enter the file playback state.
7		TF card slot	If the Didi alarm sound is issued for five consecutive seconds, it means that the machine has not been inserted into the TF card or the TF card is damaged; When using the machine for the first time, please format the memory card in the menu settings and then use it. Format the memory card regularly, and it is recommended to format it once every 15-30 days (clean up the possible fragmentation files in the card).
8		Recall button	Press the reset key to shut down the machine when the machine is abnormal
9		Power port	Power interface, providing working power supply.
10		Trumpet	Sound playback
11		MIC	Record sound
12		GPS socket	For external GPS module

Recorder installation

- 1 Insert the memory card: Please insert the memory card correctly according to the notch prompt direction of the memory card on the device and press the memory card until it clicks in place. Due to the high speed of video storage of the recorder on the card, note that the memory card must be a high-speed card (CLASS10).

Note: Please format and match the new card on this machine or APP for the first time.

- 2 Remove the memory card: Press the memory card to pop up the slot.

Note: When the device is turned on, do not remove, or insert the memory card.

- 3 Install it on the windshield in front of the rearview mirror in the car.

(1) Adhere the equipment installation to the proper position of the front windshield, ensure that the lens and the ground remain horizontal, and make sure that the equipment is firmly locked in place.

- 4 Connect the power supply.

Please use the factory standard original power cord to connect the VCC of the on-board power cord to the battery of the car as a long battery, connect ACC (there is a power output of more than 12v when the car starts, and there is no power output when the car does not start up) to the car ignition cable as the automatic power-up or shut down control cable of the trigger machine, and the ground wire of GNG as the power supply to the negative electrode of the battery. Once the car engine starts, it will automatically turn on once the equipment.

- 5 device on/off

(1) Automatic on/off: Once the car engine starts, the device will automatically turn on. After the device is turned on, automatic photography begins. Once the car turns off, the device will automatically save the record and automatically shut down within 15 seconds.

(2) Manual on/off: If you press the power button, the machine can turn it on and enter the standby state, and if you press the power button for a long time, the machine will automatically shut down.

Note: When wiring, the car charger extension cable can be hidden and installed along the top decorative panel of the car windshield, as shown in the figure above.



Initial settings of the recorder

Set date and time:

1. For the first time using the recorder, please use your mobile phone to download the required peer-to-peer APP software on the platform.
2. After starting the car to turn on the recorder into operation, search for DVR with the downloaded APP... After finding Wi-Fi, enter the corresponding password 12345678 to connect.
3. After the connection is completed, enter the APP so that the system time of the recorder is automatically updated to the current time and the TF card can be formatted on the APP.
4. Because the machine has the function of booting automatic camera, you need to short press the power button, or use on the APP to stop recording, and then the device will enter the standby state.
5. Shortly press the M button to enter the menu to carry out various menu settings on this machine, or you can connect to the APP to carry out assorted items on the APP. Menu operation settings.
6. To ease various menu operations, the recorder can restore the default in the menu or restore the default in the APP.

Recorder photo operation

1. When the car engine starts, the device will automatically turn on and start recording. When the engine turns off, the recording will automatically stop. Or press the OK button to stop the recording manually. **Note:** The charging interface of some cars is normally powered, and when the engine turns off, the power supply will continue. If you meet such a situation, please take the following steps to turn on/off the device manually or unplug the car charger from the car cigarette lighter.

2. Other types of cameras: press the OK button to start recording; press the OK key again and stop the camera.

Note: (1) The camera will be saved every 1, 2, 3, 5 or 10 minutes, please refer to the loop camera menu.

(2) This device will save the camera in the memory card. If the memory card is full, the earliest files in the memory card will be automatically overwritten.

(3) For gravity sensing or emergency cameras, the video cannot be automatically overwritten and needs to be removed manually.



3. Emergency camera

Note: If the gravity sensing function is activated and the device detects a collision, the device will be automatically locked, and the current recorded video will not be covered.

Recorder photo operation

1. Shortly press the M button to switch to the photo mode, and the photo icon will be displayed in the upper left corner of the screen.
2. Shortly press the OK button to take a picture. When taking a photo, the blue indicator light flashes once, saying that the photo has been completed.

Video/photo playback operation

1. In the state of the camera, you need to press the OK key to stop the camera first.
2. Double-click the  key and switch to the playback mode. The playback icon will be displayed in the upper left corner of the screen.
3. Short press the  key to select the file up or down.
4. Shortly press the OK key to play the selected video file; short press again to pause the playback.

Menu setting operation

1. If you are shooting, you need to press the OK button to stop the camera first.
2. Press the M key once to bring up the setting menu and turn the page of the menu twice in a row.
3. By short pressing the M key, you can cycle up and down in each setting item.
4. Select the settings that need to be changed and enter the change by short pressing the OK key.
5. After the setting is completed, short press the M key and exit to enter the standby state.

Function introduction

1.Gravity sensing function

When the function accelerates the startup, the machine will automatically save the video at the time of the accident as a non-deletable file. Gravity induction can be adjusted to the high-medium-low-off in the menu, factory default: medium.

2.Parking mode function





After the parking mode is turned on, when the vehicle turns off and the driving recorder enters the automatic shutdown program, if the body receives the vibration generated by external forces, the driving recorder will turn on the camera. After recording for 30 seconds, it will automatically lock the file and then automatically shut down. When the body vibration is detected again, Start the camera function.






3 Parking guard function:

- (1) When the machine is recording normally, when the car turns off and disconnects ACC, the recorder will enter the countdown to store the normal recording file and automatically turn off the Wi-Fi function to enter the 12H/24H/48H guard video.
- (2) When the machine performs the parking guard, when the car is ignited on ACC, the record will automatically save the guard video file and turn on Wi-Fi to switch to the normal recording state.
- (3) When performing the guard recording, in order to save the space occupied by the video, the machine will perform a frame loss video, 1, 2, 3, 5 frames per second can be selected or turned off. When it is turned off, the 24H/48H/72H/ guard set by the machine to perform normal video is invalid.
- (4) The parking guard function can guard the time of 12H/24H/48H. After the corresponding guard time is carried out, the machine will automatically turn off the recorder when the selected time is reached.

4 RESET

If the machine is abnormal or frozen during use, you can press the RESET key through the small hole in the shell to carry out system reset operation on the machine

1. : camera icon, indicating camera mode;
 2. : red flash indicates that the device is working on camera ;
 3. : video file lock to open the icon. ;
- when gravity sensing starts, the key icon will be displayed on the screen, indicating that the current video is locked video; short press The  button can quickly lock video shooting.

4.  : Recording function opens the icon;
 : Recording function turns off icon;
 Turn on or off the <Recording> function in the settings menu and display this icon synchronously, indicating the current <Recording> function on or off; Press the  button during the cameraing process, you can quickly turn on and off <Recording>.
5. 00:15:30: White font - the remaining camera time of the memory card / red font - the current segmented camera time; after inserting the memory card, the camera time of the remaining space of the memory card is displayed in standby, and the white font is displayed; during the camera process, the current segmented camera time is displayed, and the red font is displayed.
6. 1440P + 1080P, which means that the selection rate of the recording status at this time is 1440P+1080P. There are 1440P+1080P/2160P + 1080P in the menu "Resolution". After selecting the corresponding branch rate, it will be displayed at this location on the screen.
7.  Memory card display icon ;
8.  Battery power icon ;
9. 00:00:01: Time display, displaying the current standard time; please set it initially before use ;
10. 2019/01/01: Date display, showing the current standard date, please set it before use.

Settings menu

Menu Options	Menu Options
Resolution	Set the clarity of the video
Loop video recording	Set the duration of each file video
WDR	Wide dynamics
Exposure compensation	Insufficient exposure, dim picture, need to be supplemented
Gravity sensing	The video generated by the collision will never be covered
Mobile Detection	In standby, when the picture is detected to move, it will be automatica
Record audio	Recording on or off
Date label	Watermark

Date/Time	Date and time
Language settings	Language of the action menu
Keys sound	Is the key with sound during operation
Screen saver	Automatically close the display during the recorder operation
Automatic shutdown	Automatic shutdown without any operation
Light source frequency	Flashing frequency of lights
Parking mode	After parking and turning off, if the body is vibrated by external forces, the driving recorder will automatically turn on the camera.
WIFI	WiFi hotspot
Format	The data in the memory card can be deleted
Default settings	Restore initial default parameters
Edition	Check the hardware version and software version of this setting

Recorder photo operation

Menu Options	Menu Options	Menu Options
Resolution	Set the clarity of the video	1440p+1080p/2160p+1080p
Loop video recording	Set the duration of each file video	1minute,2minutes,3minutes,5minutes,10minutes,close;If you choose to turn it off,the storage card will not be automatically
WDR	Wide dynamics	Open,Close
Exposure compensation	Insufficient exposure,dim picture,need to be supplemented	+0.0 -1/3 -2/3 -10 -4/3 -5/3 -2.0 +2.0 +5/3 +5/3 +4/3 +10+2/3 +1/3
Gravity sensing	The video generated by the collision will never be covered	High,medium,low,close

Mobile Detection	In standby, when the picture is detected to move, it will be automatically recorded	Open, Close
Record audio	Recording on or off	Open, Close
Date label	Date water	Open, Close
Date/Time	Date and time	It can be set for years, months, days, hours, minutes and seconds
Language settings	Language of the action menu	Simplified Chinese, Traditional Chinese, Russian, Japanese, French, Italian, German, Spanish, English, Korean
Keys sound	Is the key with sound during operation	Open, Close
Screen saver	Automatically close the display during the recorder operation	Close, 1 minute, 3 minutes, 5 minutes, 10 minutes
Automatic shutdown	Automatic shutdown without any operation	1 minute, 3 minutes
Light source frequency	Flashing frequency of lights	50HZ, 60HZ, Mainland China choose 50HZ
Parking mode	After parking and turning off, if the body is vibrated by external forces, the driving recorder will automatically turn on the camera.	Open, Close
WIFI	WiFi hotspot	Open, Close
Format	The data in the memory card can be deleted	SD card
Default settings	Restore initial default parameters	Cancel Confirm
Edition	Check the hardware version and software version of this setting	

Troubleshooting

Under normal operation, if there is an abnormal problem with the product, please refer to the following method to solve it.

Do not turn on:

Check whether the recorder is correctly connected to the on-board charging cable. If it is turned on manually, check whether the battery charge is too low and needs to be charged. If there is a program problem, you can restore it to the factory by pressing the RESET reset button.

Automatically stop the camera or loop the camera when taking the camera:

Due to the huge high-definition video data, it is possible that the reading and writing speed of the memory card cannot keep up. Please use a high-speed TF card such as the C10 high-speed card.

The non-circulating camera may also be that the gravitational sensing function is turned on, and the memory card is all caused by locked files. Turn off gravitational sensing and format the memory card.

Each circular camera sets different from the settings:
please check whether the mobile detection function is turned on, because the duration of the camera in the mobile detection state depends on whether the picture is moving.

The filmed is not clear:

Please check the camera for stolen goods and fingerprints. Please clean the surface of the lens and keep the lens clean and tidy before shooting.

The effect of the film is sometimes good or bad:

The camera effect has a lot to do with the light environment taken, to do with the light environment taken, such as backlight, smooth light, and the intensity of light will cause the video effect to be different.

There is stripe interference in the image:

This is caused by setting the wrong "light source frequency" under the fluorescent lamp, and the domestic flat rate is "50HZ".

Crash:

After the crash, please short press the "RESET" reset key to restore and restart.

APP connection setting and operation guide

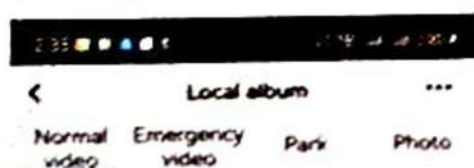
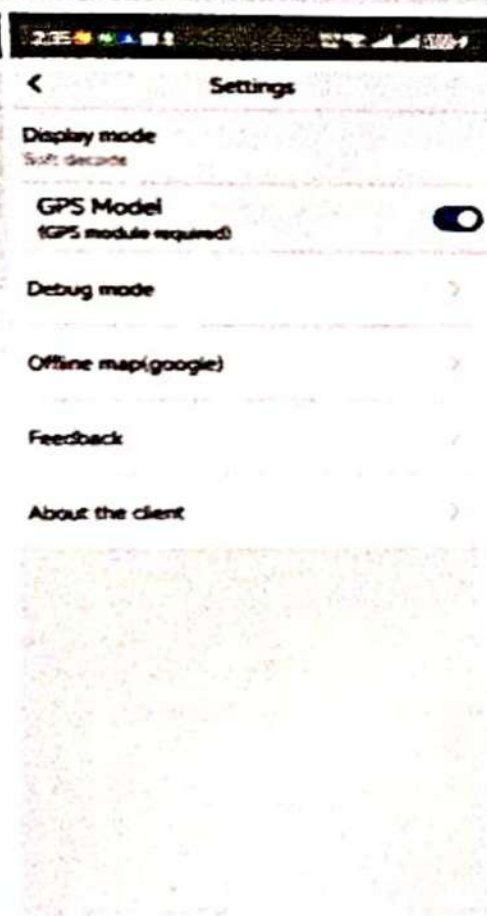
For ios system, you can enter the App store and search for "GoLook" to download:
Such as Android, you can enter the application treasure to search for "GoLook" to download

2. Scan the QR code to install, both ios and android systems can download "GoLook" by scanning the QR code as shown below

(1) Open WeChat or other with "scan" function Capable software, scan the "GoLook" QR code



1. Enter the "GoLook" APP to register an account
2. Fill in the corresponding information as required, get the verification code and fill in, click Register to complete the operation
3. Open your phone settings and enter WLAN wireless wifi connection
4. Find the WIFI hotspot DVR_**** on the mobile phone settings WLAN wireless connection, enter the initial password: 12345678, and establish a connection (see Figure 4).



APP Download and Installation

1. For the first time to use the recorder, please scan the following QR code with your mobile phone to download the APP:



2. For Apple mobile phones, you can enter the Apple app store to search: "Road Shadow (or GoLook)" to download and install, and Android phones can enter the application market to search: "Road Shadow (or GoLook)" to download and install.
3. Find the WIFI starting with "DVR_*****" in the mobile phone settings after starting the car to turn the recorder on and enter the working state, and enter the default password 12345678 to connect.
4. Enter the APP after the connection is completed, and the time of the recorder will be synchronized with the time of the current mobile phone, and you need to enter the recorder setting option and select "Format SD card".

Screen interface as shown in the figure



On-screen preview interface

ADAS features

Forward Vehicle Collision Warning (FCW)

1. The speed range of the car: 30km / h - 200km / h
2. Relative front car distance range: 0m-100m
3. Relative distance/speed of the car is less than a certain value alarm: low -1.5s, medium -2.0s, high -1.5s
4. Relative distance/relative speed is less than a certain value alarm: low -1.5s, medium -2.7, high -8.0s

The above 4 points must be met at the same time

Alarm tone (pyation_frontcar.wav):

Chinese: "请注意前方车辆"

English: "Please pay attention to traffic ahead"



Pedestrian/NonMotorized Collision Warning (PCW)

1. The speed range of the car: 5km / h - 100km / h
2. Relative front car distance range: 0m-20m
3. Relative distance/speed of the car is less than a certain value alarm: low -2.0s, medium -3.0s, high -4.0s
4. Relative distance/relative speed less than a certain value alarm: 100s

The above 4 points need to be met at the same time (pedestrians and non-motorized vehicles are broadcast, pay attention to pedestrians)

Alarm tone (ped_collision.wav; rider_collision.wav):

Chinese: “请注意前方行人”, “请注意非机动车”

English: “ Please pay attention to traffic ahead”; “Please pay attention to non motor vehicles”



Vehicle Departure Warning (LDW)

1. The speed range of the car: 40km / h - 200km / h
2. The distance between the tire and the lane line is less than a certain value alarm: low - -0.1m; Medium -0.0m, height -0.1m
3. When the tire pressure lane line time is greater than a certain value, it will alarm: low -4.0s, medium -2.0s, high -1.0s

The above 3 points must be met at the same time

Alarm Tone (lane_change.wav; lane_press.wav):

Chinese: “请注意车道偏离”, “请不要压线”

English: “ Please pay attention to lane departure”; “Please do not press the thread”

轨道偏移预警功能

防止车辆在行驶过程中因路面湿滑、弯道半径过小、车速过快等原因导致车辆偏离正常行驶轨道，提前发出预警，提醒驾驶员及时调整方向，避免事故发生。



Forward Vehicle Start Reminder (FMW)

1. The time when the car and the car in front stop is greater than a certain value alarm: low-6s; Medium-4s; High-2s
2. The relative distance of the vehicle in front is less than a certain value alarm: low -6m; Medium -7m; Height -8m
3. The distance traveled after the start of the car in front is greater than a certain value alarm: low -1m; Medium -0.8m, height -0.6m

The above 3 points must be met at the same time

Alarm Tone (car_start.wav.wav):

Chinese: "请注意前车启动"

English: "Please pay attention to the front car starting"

Proximity Warning (HMW)

1. The speed range of the car: 30km / h - 200km / h
2. Relative front car distance range: 0m-100m
3. Relative distance/speed of the car is less than a certain value alarm: low -1.0s, medium -1.5s, high -2.0s

The above 3 points must be met at the same time

Alarm Tone (didi.wav):

Sound cue of "Didi".



Thank you for your purchase purchase of the company's trust and the company's products.to express my most sincere thanks to!

This product is intended to provide customers with high-quality automotive drive recorder ,every driver can look forward to enjoying a happy journey,while happy to go out,to go home peace!

Note:This product is reserved the right to change design and specifications without notice.