

Juscar USER MANUAL



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Caution

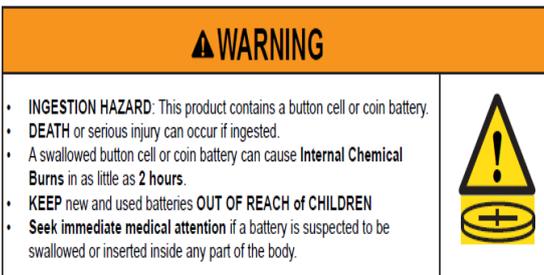
- ◆ Do not disassemble the machine yourself to avoid affecting the scope of the warranty.
- ◆ Please find a professional for the modification of the power line.
- ◆ Please do not operate this product while driving to avoid distraction and affect driving safety.
- ◆ Due to the development of technology, we may make some changes or upgrades to the software or hardware, resulting in inconsistencies with the manual, we will no longer issue a change notice.
- ◆ We ask the user to refer to the actual product, please forgive us!

Video damage or loss can occur in the following situations:

- ◆ During recording, removing the TF card can cause damage or loss to the last recorded file.
- ◆ During recording, Illegal power outage can cause damage or loss to the last recorded file.
- ◆ During recording, Machine suffers from Caused by destructive collisions, can cause damage or loss to video recorded file.
- ◆ During recording, due to excessive collision Causing the TF card to become loose can cause damage or loss to video recorded file.

FCC ID: 2BHTS-KL

- ◆ 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, and (2) this device must accept any interference received, including interference that may cause undesired operation.



- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- The compatible battery type (Not compatible with other battery models).
- The nominal battery voltage
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

Preface

Thank you very much for purchasing 'JUSCAR' products, this product is a product developed specifically for today's traffic accident forensics difficulties; at the same time to meet the needs of other occasions, can be used for meeting records, surveillance forensics, location shooting, forensics camera, etc., can let you multi-purpose, let your life more colorful.

The product combines industry-leading technology such as **super night vision, seamless loop camera, super wide angle shooting and real time playback with its own display, etc.** The unique and stylish streamline design is favoured by the majority of consumers.

This manual will explain in detail how to install, operate, product parameters and precautions. Please read it carefully before use and keep it safe. We hope this product will meet your needs and serve you for a long time! However, as specifications are subject to change due to upgrades, updates etc., please refer to the actual product without prior notice. The manufacturer reserves the right to change the technology directly without prior notice.

Copyright infringement / privacy notice

Please note that this product is intended for personal use only and should not be used in such a way as to infringe national or international copyright/privacy laws. This means that the recorded images are for personal use only and are not to be distributed to the public; in addition, in some cases the use of this product to record images of performances, exhibitions or commercial events may infringe the copyright or legal rights of others.

Installation instructions

This product should be installed close to the rear view mirror for the best possible view. Make sure that the lens is within the windscreen wiper range to ensure a good view, even in rainy conditions. Do not touch the lens with your fingers, as grease from your fingers may remain on the lens and cause unclear video or photography, so please clean the lens regularly.

Product Accessories **Listing** (Image for reference only)

If there are any missing or damaged items, please contact **seller** immediately.

Standard/Optional



G60 Dash Cam



Fixed bracket



Suction cup bracket



User Manual



Car Charge



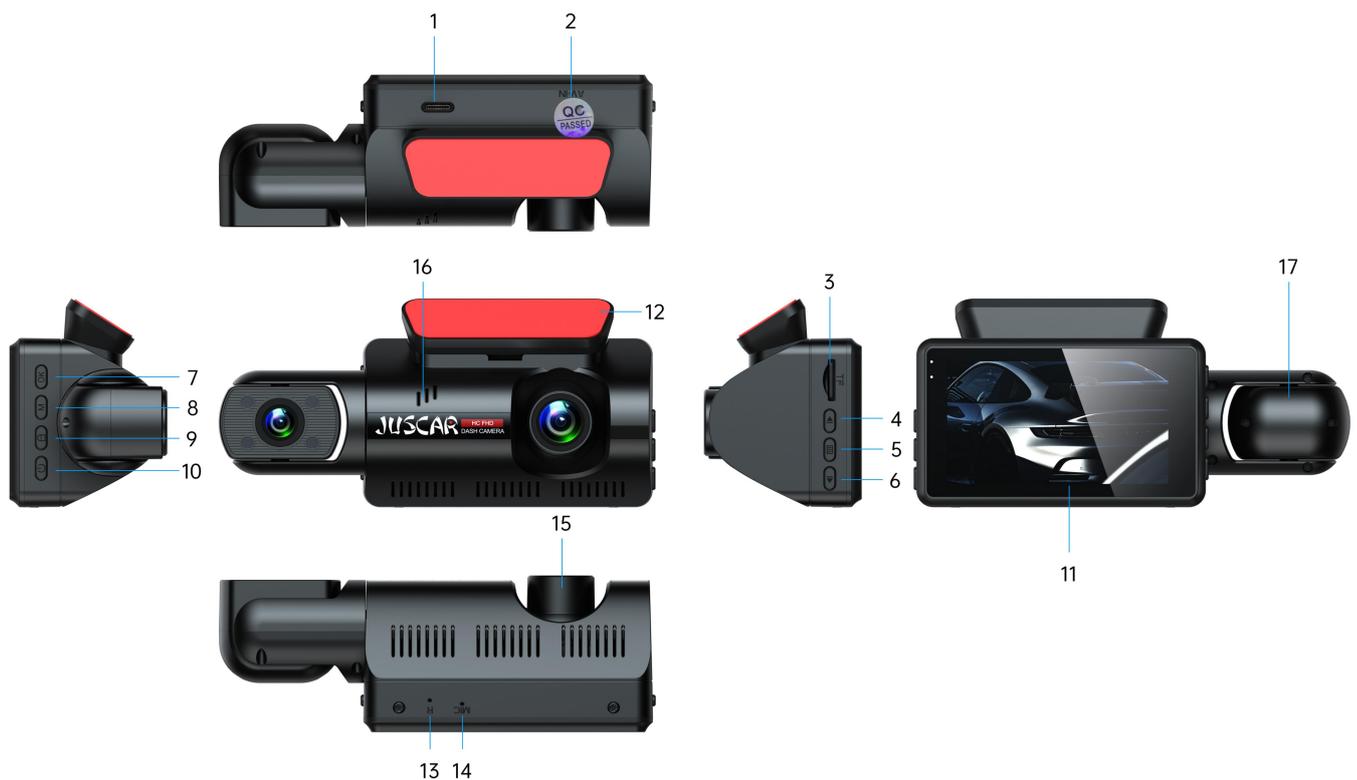
GPS module



Hard wire Kit [\(Be purchased separately\)](#)

The above pictures are for reference only, if there is any inconsistency between the images and actual product you receive, the actual product will govern.

Product construction description (Image for reference only)



No.	Name	Operation Instructions
1	Type-c interface	5V DC power supply interface
2	QC conformity mark	After passing the QC inspection, attach a label.
3	TF card slot	TF memory card slot, please follow the correct direction to install
4	Up button	In the menu/playback interface, the up key is used for upward adjustment; in the video recording interface, it is the window switching key, used to switch the display mode to full front, full rear, and picture-in-picture display status.
5	menu button	In standby or recording mode, briefly press to enter the menu settings, and press again to exit the menu settings.
6	Down button	In the menu/playback interface, the down key is used for downward adjustment; in the recording interface, it serves as the snapshot button, allowing you to capture a photo before and after pressing it.
7	OK button	In recording mode, briefly pressing the button pauses the recording and enters standby mode; pressing it again starts recording and enters recording mode. In menu mode, when in playback mode, the button serves as the confirm key to execute commands.

8	M button	In standby or recording mode, briefly press to enter the playback mode to view recorded videos. Press the OK key to confirm playback of the video. Press the M key to return to the previous menu level, and press again to return to the recorder's main interface. long press M button to turn on or turn off Wi-Fi.
9	One key lock button	In the video mode, short press a key to lock and protect the video. (Prevent video auto loop coverage)
10	Power button	Long press to turn on/off ; short press to turn on/off the screen backlight in standby or video mode
11	Display screen	3.0-inch HD display.
12	Bracket	mounting bracket
13	MIC	sound recording
14	Reset button	System restart reset button
15	Camera	Front cam wide-angle lens
16	Horn hole	Speaker installation position
17	Incar camera	Record car interior video

Host button and interface description

Host installation method:

◆TF card installation

1. Insert the memory card: Please insert the memory card in the correct direction as prompted by the memory card notch on the device, press the memory card until it clicks and insert it in place.

Since the video storage of the recorder has a high operating speed to the card, note that the memory card must be a high-speed card (above CLASS10, support min 8GB, max256GB).

2. Take out the memory card: Press the memory card to eject the slot.

Note:

- When the device is turned on, do not remove or insert the memory card to avoid damage to the memory card or loss of files.
- For the first use of a new card, it must be formatted and matched in this machine.
- We recommend that you format the memory card every 3 months to keep it clean for smooth operation.
- Please note that memory cards have their self life span, after so many uses of writing data over and over, eventually they will become inoperable. When that happens, please replace your memory card.



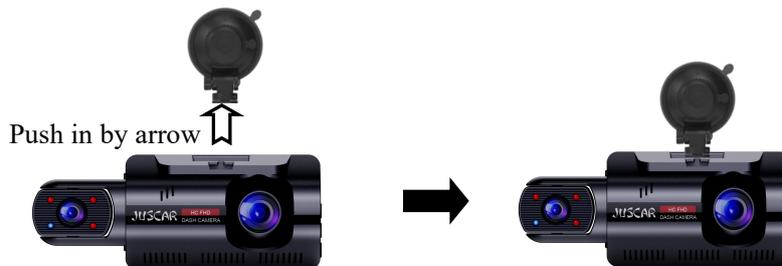
◆ **Installation method for 3M bracket:**

Push the 3M adhesive into the host card slot in the direction shown in the diagram, After removing the red adhesive paper, fix it onto the front windshield as shown in the diagram.



◆ **Installation method of suction cup bracket:**

Insert the suction cup bracket into the host card slot in the direction shown in the diagram, remove the protective film from the bracket, press the movable bracket of the bracket, and attach it to the front windshield as shown in the diagram.



◆Connect power supply(Car Charge)

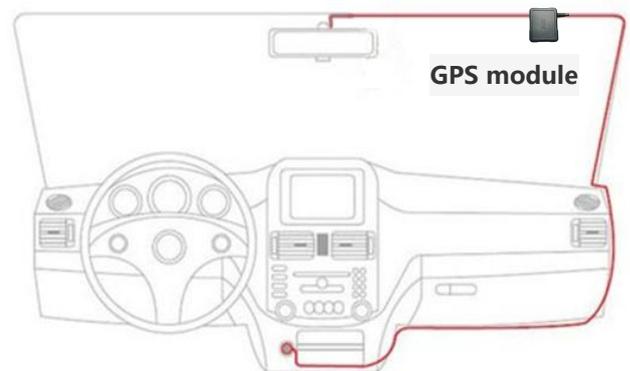
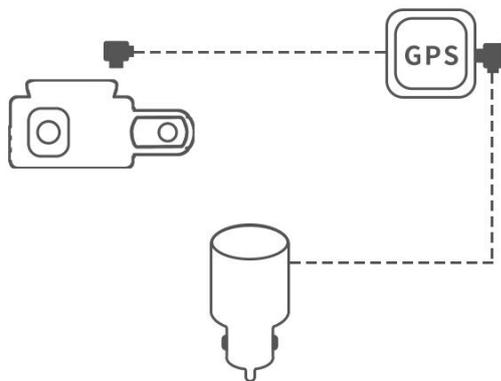
(1) connect the in-car power cord to the event data recorder's Type-c interface using the factory standard charger.

(2) the event data recorder is affixed to the front windshield of the car with a fixed bracket.

(3) install it near the rearview mirror as far as possible.

(4) Lay the car power cord along the edge of the car windshield. Plug the cigarette end into the car lighter.

(5) the GPS module is connected in series to the power cord, the module plug is connected to the Type-c interface of the event data recorder, and the car charging Type-c interface is inserted into the GPS module.



Insert cigarette lighter

Note: As shown in the picture above, distribute and hide the extension cord of the car charger along the car trim panel.

Note: After configuring the GPS module, automatic calibration does not need to be set. (Optional)

◆Connect power supply(Hard wire Kit) [\(Be purchased separately\)](#)

(1) Please use the factory standard original Hard wire Kit to connect the car power cord to the Type-c interface of the dash cam.

(2) The dash cam is attached to the front windshield of the car with a fixed bracket.

(3) Install as close to the interior rear view mirror as possible, with a better visual field.

(4) Lay the onboard power cord along the edge of the car windshield. Connect the car power supply to the car fuse box. Connect the black wire to ground and the red wire to ACC; Connect the yellow wire to B+long current.

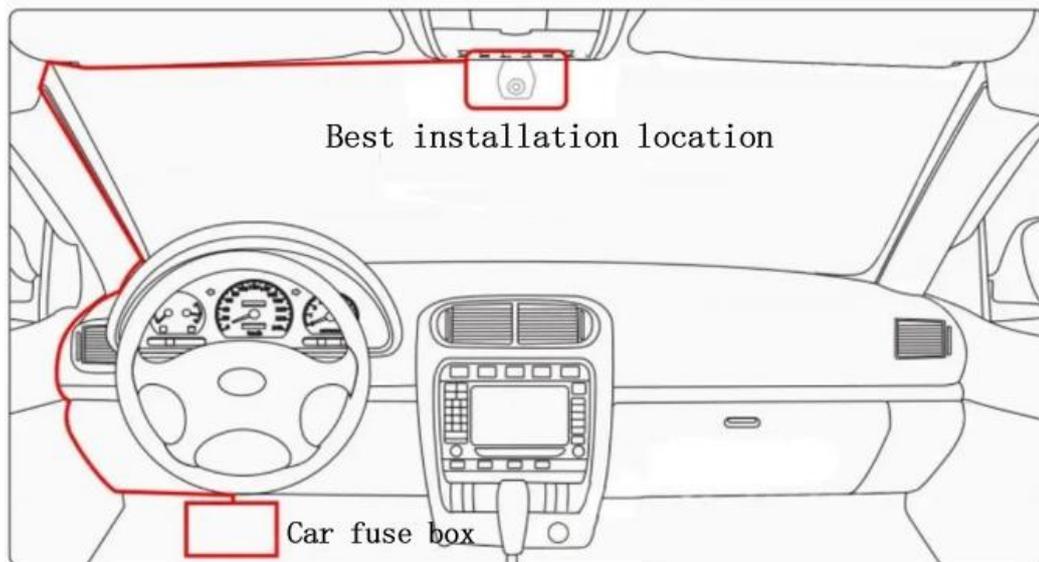


Yellow line: connected to B+long current (DC12V)

Red line: Connected to ACC (DC12V)

Black wire: grounding wire, stable grounding, paint needs to be removed

Type-C plug connected to dash cam



Note: When installing the Hard wire Kit,It is necessary to use an electric pen to measure whether the voltage is 12V and whether the key is powered to determine which line is a long charge and which line is ACC, in order to correctly connect the wires., as shown in the above figure.

Logger Initial Settings

Set the date and time:

- 1、 In standby mode, Click the menu button to enter the menu setting mode.
- 2、 Press the down button to adjust to the "**Time Setting**" option;
- 3、 Press the "**OK**" button to enter the time setting, and press the "**OK**" button again to switch among **year, month, day, hour, minute, second, date format**, and **12/24-hour format**. You can press the up and down buttons to adjust each corresponding option to the real-time display status.

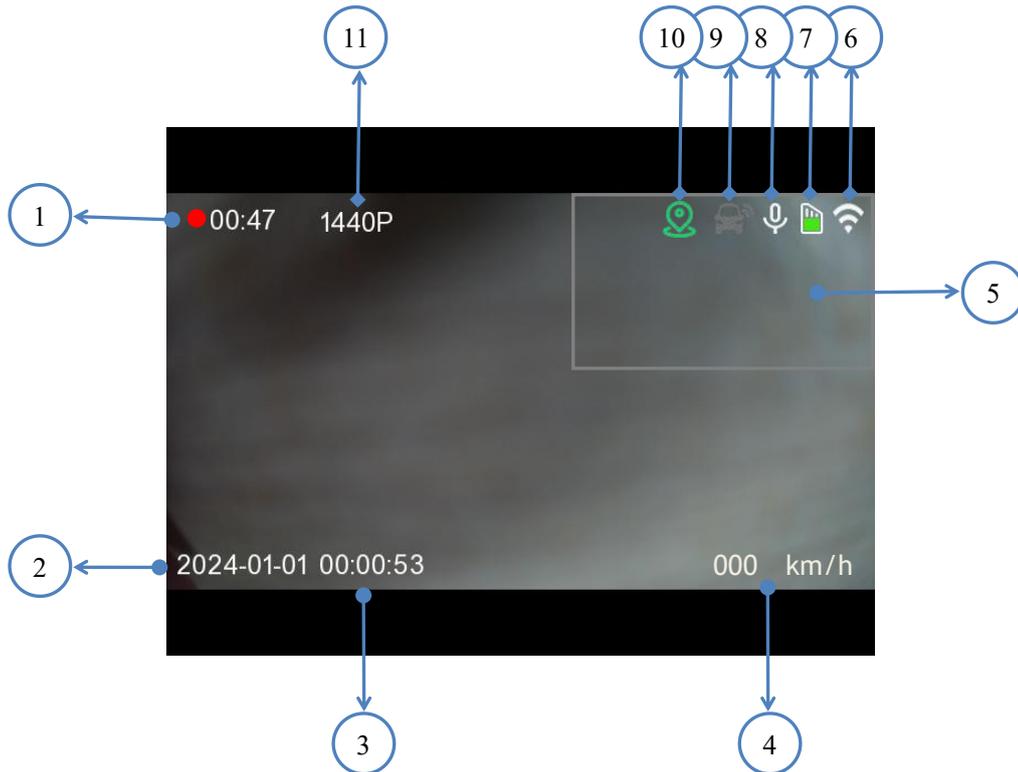
Format memory card:

- 1、 In standby mode, Click the menu button to enter the menu setting mode.
- 2、 Press the down button to adjust to the "**Disk Formatting**" option;
- 3、 Press the "**Down**" key to select "**Disk Formatting** ", a confirmation dialog box will pop up, then press the "**Down**" key to select "**Confirm**", and finally press the "**OK**" button to format the memory card.
4. Please insert the memory card in the shutdown state. After turning on, if the card needs to be formatted, a pop-up window will automatically remind you to format it. Press the down button to switch to the OK option and press the OK button to quickly format it.

Note: Before formatting the storage card, please backup the useful information inside the card. This operation can format and clear all data on the memory card. After clearing, the data cannot be recovered. Please operate with caution.

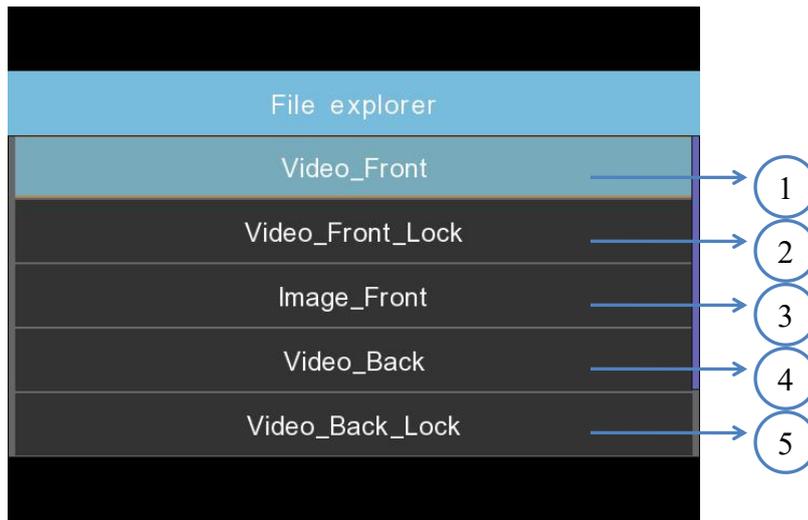
Recorder function description

1.Explanation of icons on the recorder interface



1	The cycle recording time is set to 1 minute, which means it will cycle once every minute and save a 1-minute video clip.	7	Memory card insertion icon,  Memory card normal
2	Display the year, month, and day, showing the set year, month, and day information.	8	Recording sound icon,  Recording sound enabled
3	Time display, showing the set time information.	9	Display of gravity sensor status
4	GPS speed display (this function is available only with GPS module)	10	GPS status icon, a green icon indicates successful positioning (this function is available only with GPS module)
5	Display window for rear camera footage	11	Recording resolution, current recording resolution
6	WiFi icon,  WiFi turned off. opened in the settings	12	

2. Playback interface



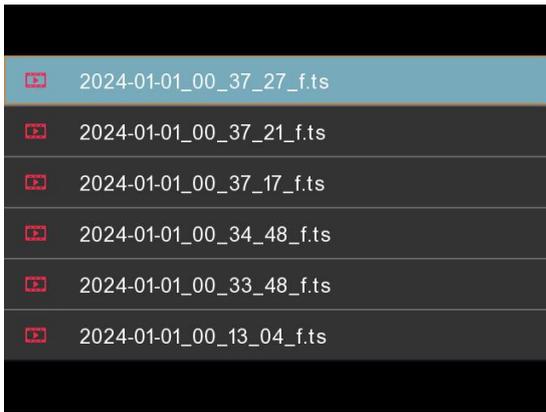
(1) Press the M button to enter the playback mode, where videos are saved by categories. Select the corresponding directory to quickly view video files.

1	Front camera for normal recording; This video automatically records in a loop.	4	Rear camera for normal recording; this video automatically records in a loop.
2	Front camera locked recording; Important videos with protection lock, not looped, and requiring manual formatting to clear when the storage is full.	5	Rear camera locked recording; important videos with a protection lock that do not loop and require manual formatting to clear when the storage is full.
3	Front camera photos, storage directory for captured front camera images.	6	Rear camera photos, storage directory for captured rear camera images.

(2) Press the up and down arrow keys to select the video directory you want to view, then press the OK button to enter the video list. Use the up and down arrow keys to select the video you want to play, and press the OK button again to play the current video.

(3) Press the OK button again to pause the video playback, then press the M key once to return to the previous menu level, and press it once again to go back to the recorder's main interface.

Video list

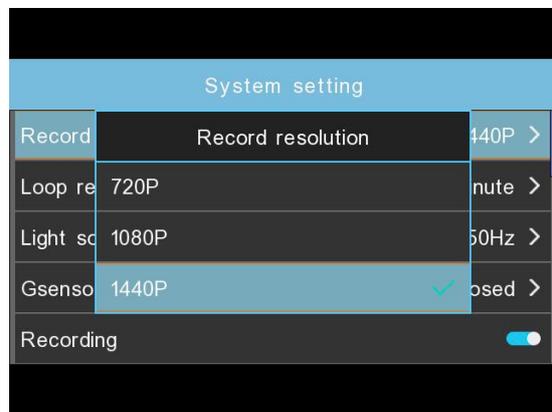
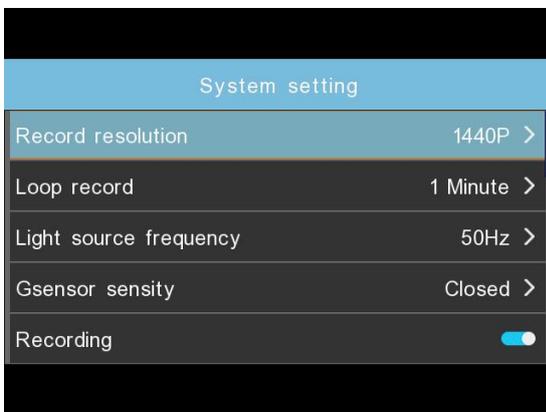


Video playback

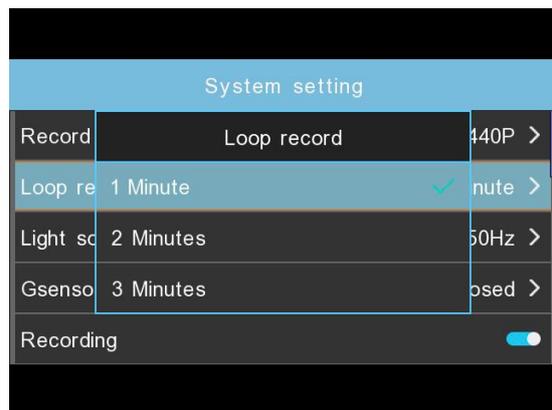
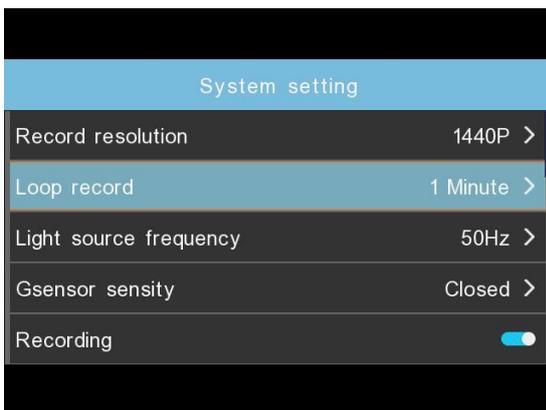


3.Record Set

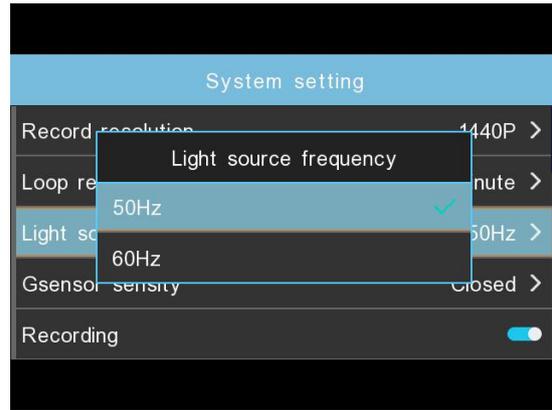
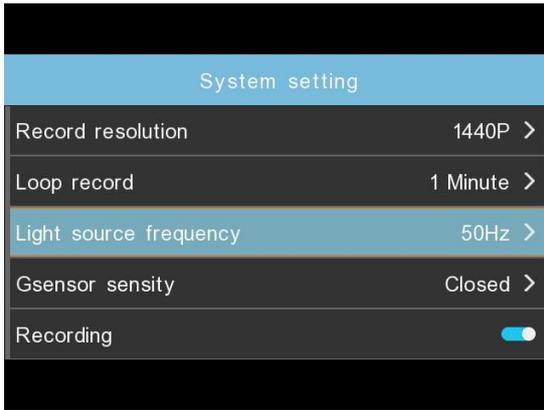
3.1 Record resolution,It can be set to 1440P, 1080P, 720P, and the default is 1440P.



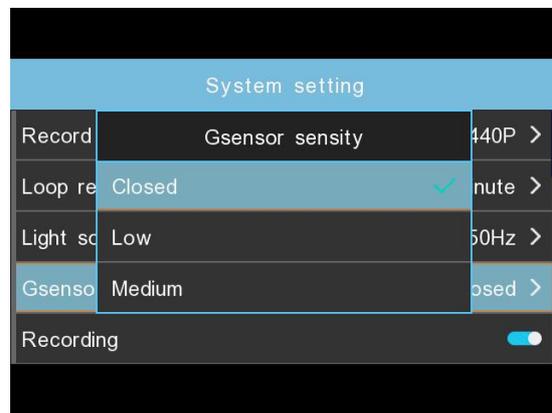
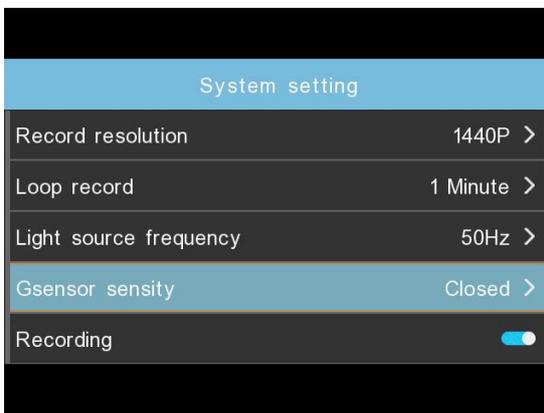
3.2 Loop record, this option allows you to set the duration of the video clip. The shorter the time, the more video clips will be recorded. You can set 1Min, 3Min, and 5Min respectively. Default 1 minute.



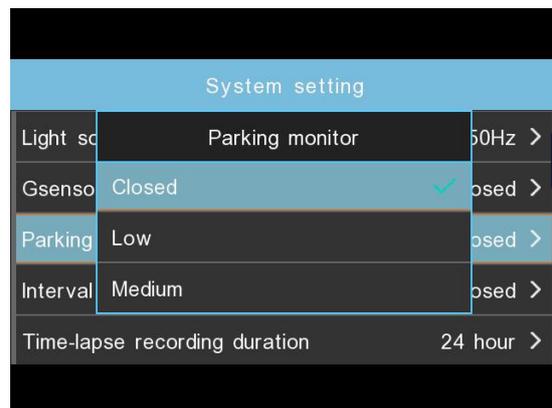
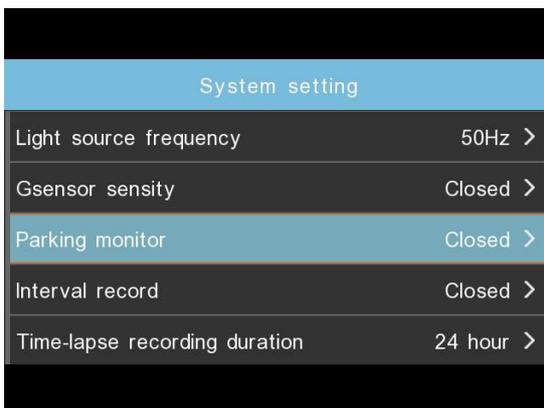
3.3 Light source frequency, this option sets the frequency of the ambient light source. Auto, 50Hz, 60Hz. Default Auto.



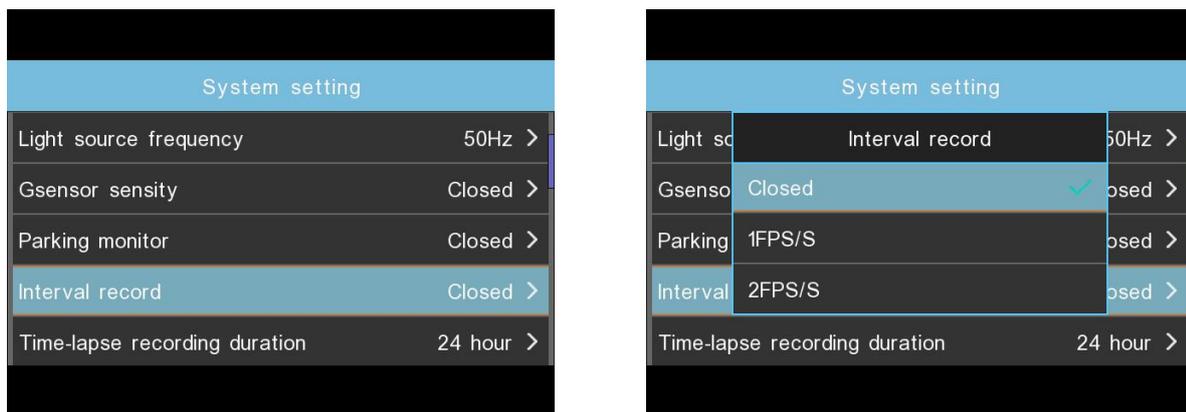
3.4 G-sensor, this option adjusts the sensitivity of the G-Sensor, which is Off, Low, Middle, and High, Default Off.



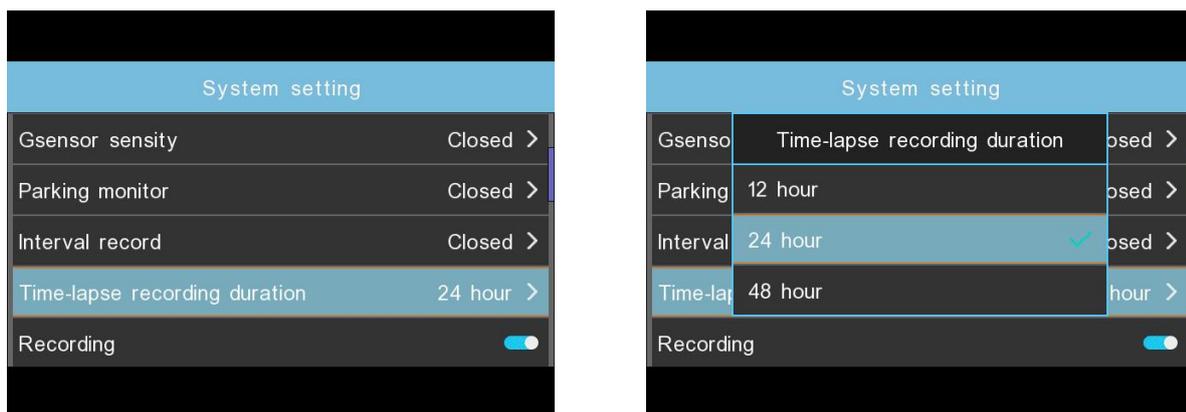
3.5 Parking surveillance, Off, Low, Medium, High, Default is Off.(This function can only be used with a dedicated hardwire kit, which can be purchased in stores)



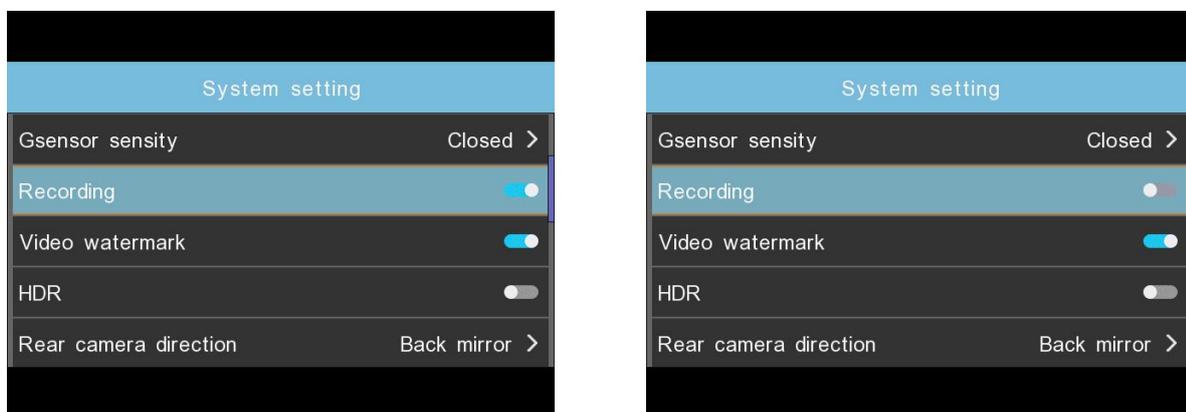
3.6 Interval Record, this option can set the time-lapse recording function to 1 FPS, 2 FPS, 5 FPS, or Closed. Default Closed. (This function can only be used with a dedicated hardware kit, which can be purchased in stores)



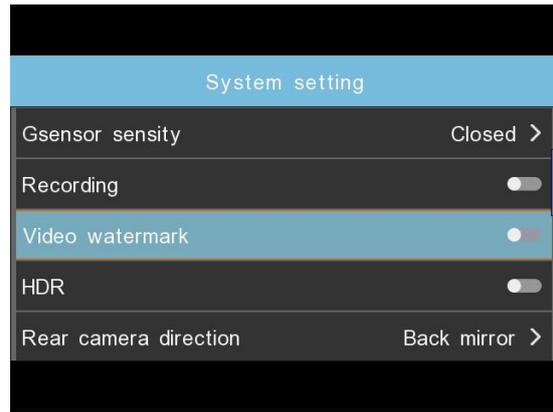
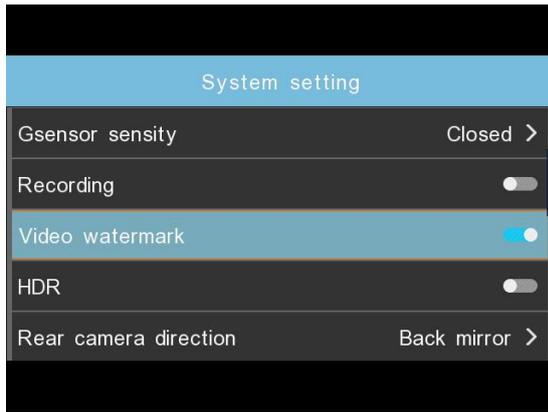
3.7 Time-lapse recording duration, The time can be set as 12 hours, 24 hours, 48 hours, 72 hours, Default 24 hours. (This function can only be used with a dedicated hardware kit, which can be purchased in stores)



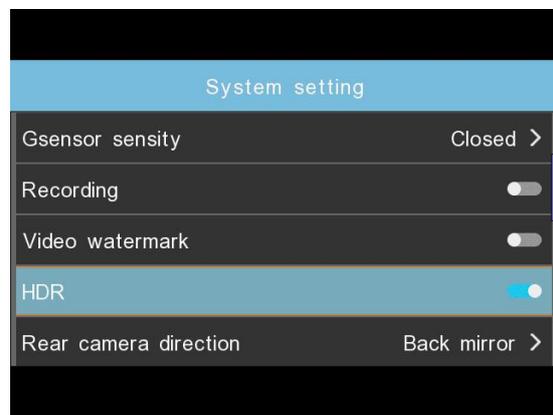
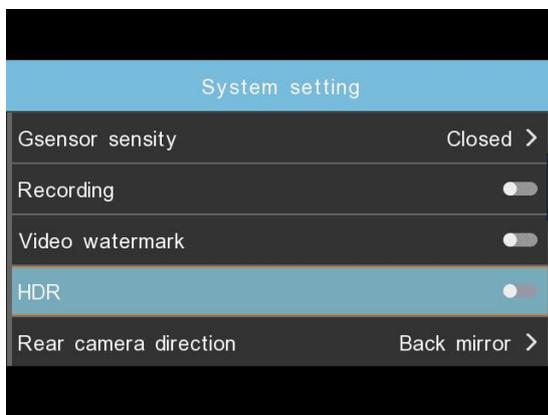
3.8 Recording, Recording switch, default to on. Press and hold the up button for 3 seconds to quickly turn on/off the recording.



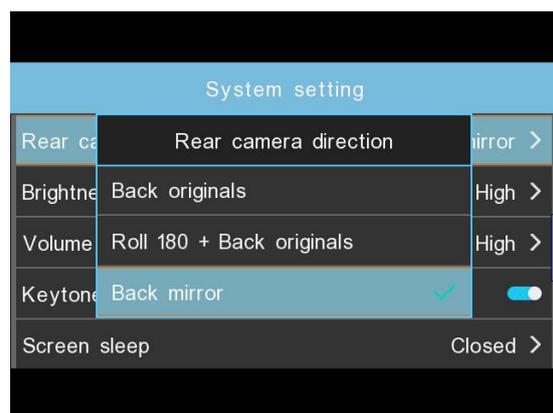
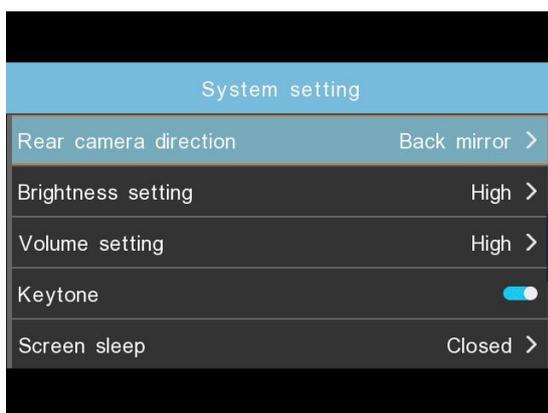
3.9 Video watermark, Video watermark, default to on.



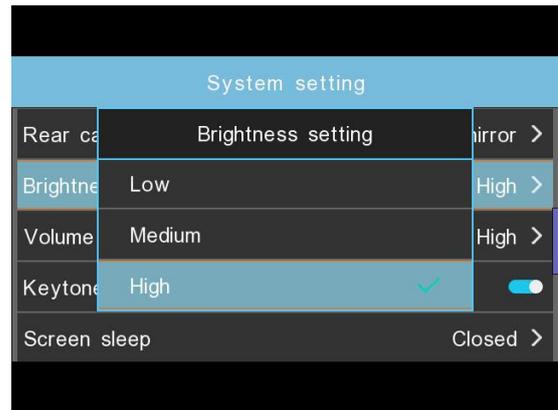
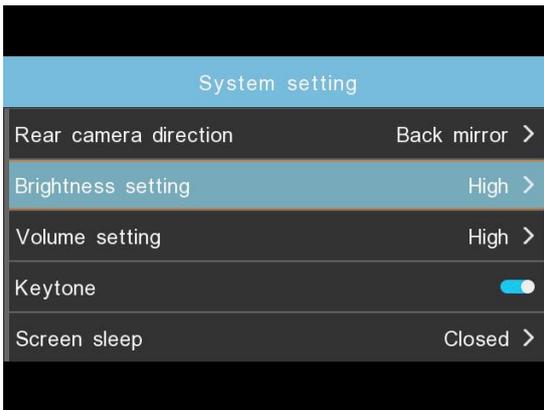
3.10 HDR High dynamic range setting, default to off.



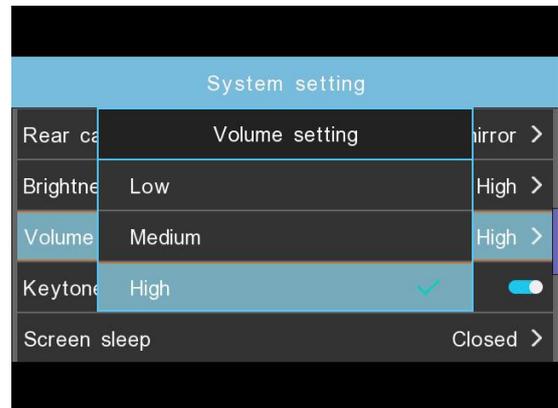
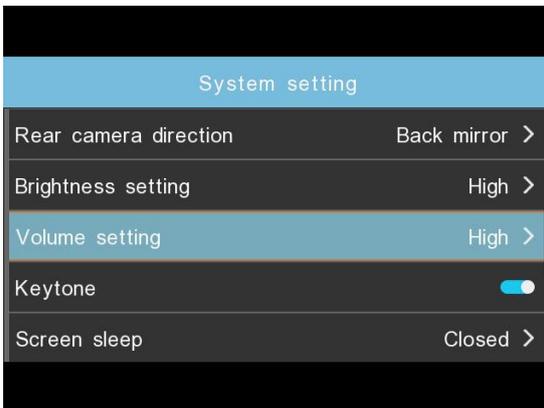
3.11 Rear camera direction, Back originals, Roll 180+ Back originals, Back mirror, Roll 180+ Back mirror, default to Back mirror.



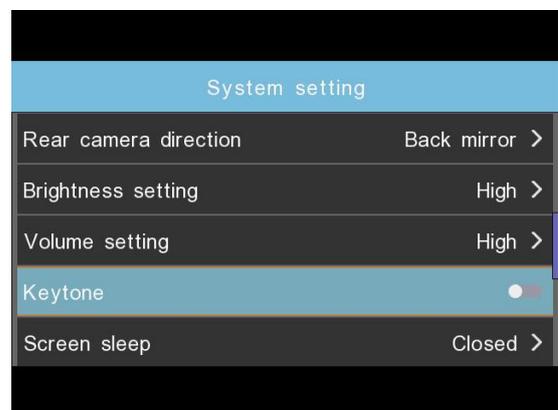
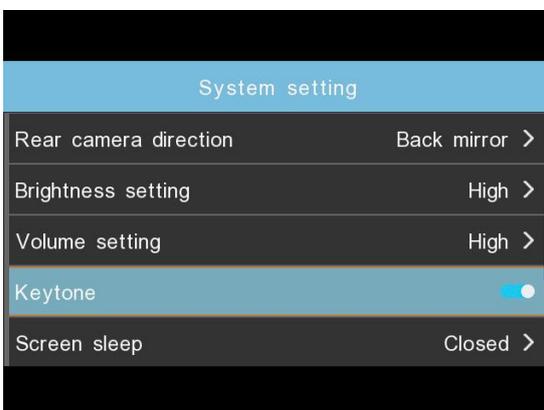
3.12 Brightness setting, Set screen brightness to low, medium, or high, with the default set to high.



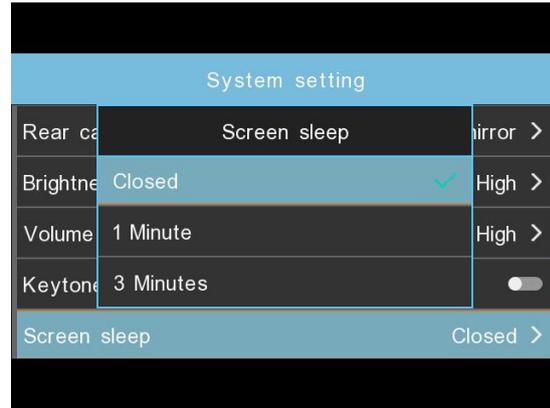
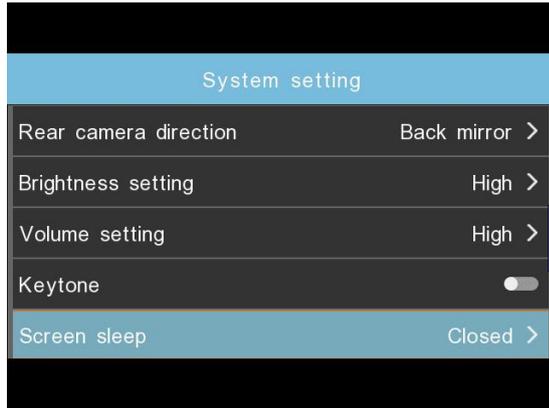
3.13 Volume setting, Adjust volume level to low, medium, or high, with the default set to high.



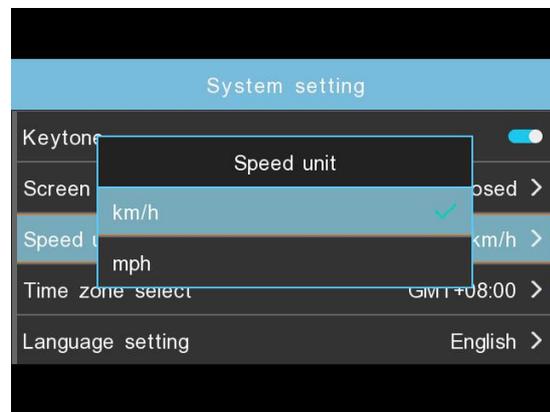
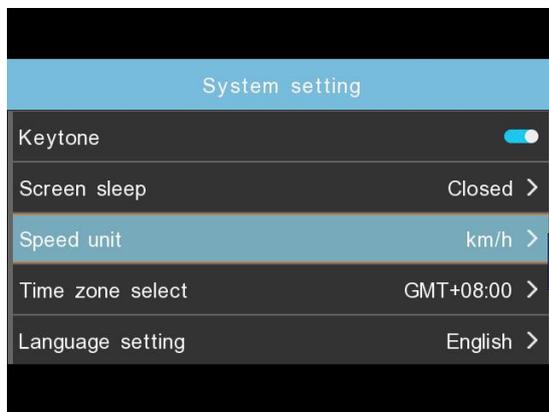
3.14 Keytone Set key tone, on or off, with the default set to on.



3.15 Screen sleep Set auto screen-off time to Off, 1 minute, 3 minutes, with the default set to Off.



3.16 Speed unit, Speed unit, set km/h or mph (this parameter can only be set after connecting the GPS module)



3.17 Time zone select

The settings that influence the displayed time & date will be applied upon receiving a GPS connection.

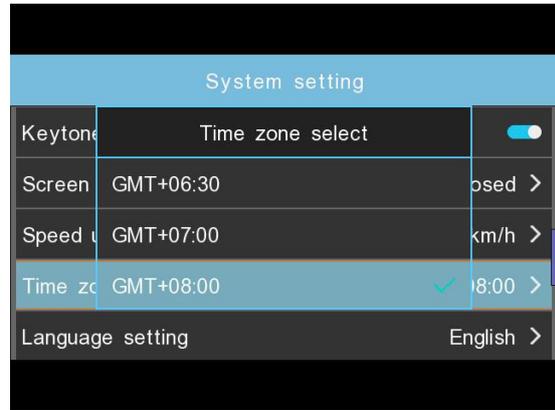
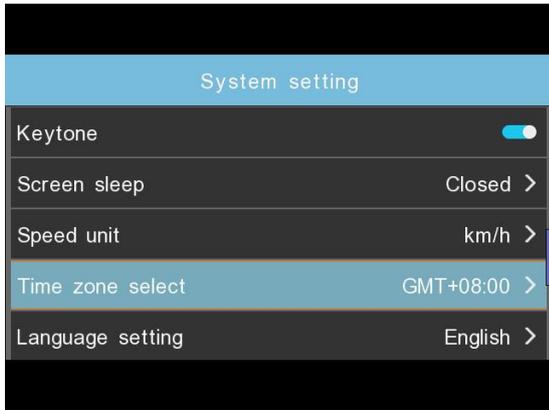
Some examples of GMT time off sets are:

- GMT-7: Los Angeles
- GMT+10: Sydney
- GMT-4: New York
- GMT+8 China

Please make sure to adjust time zone setting during standard vs.

Daylight savings time. If you are unsure of your GMT off set please look up your city on

<http://www.greenwichmeantime.com/time-zone/usa/>

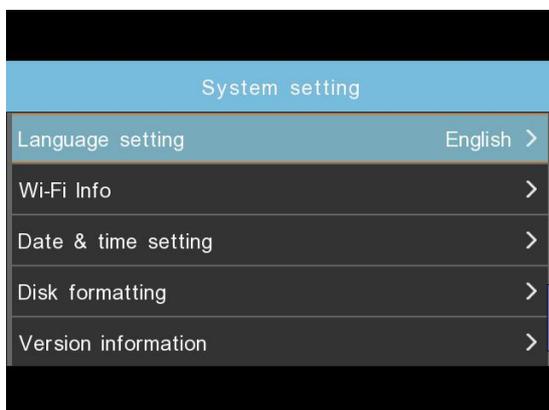


USA Time Zones	When Daylight Savings Ends Nov-March	When Daylight Savings Begins March-Nov
Hawaii	GMT (-10:00)	
Alaska	GMT (-9:00)	GMT (-8:00)
Pacific Time Zone	GMT (-8:00)	GMT (-7:00)
Mountain Time Zone	GMT (-7:00)	GMT (-6:00)
Central Time Zone	GMT (-6:00)	GMT (-5:00)
Eastern Time Zone	GMT (-5:00)	GMT (-4:00)

UK Time Zones	British Summer Time	British Winter Time
	GMT/UTC +1	GMT/UTC ±0

3.18 Language, this option sets system language.

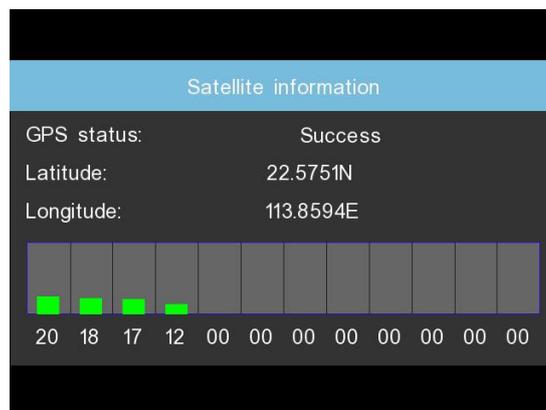
English\Chinese\French\German\Italian\Spanish\Japanese-Russian\Vietnamese\Korean\Arabic\Portugal. Default English.



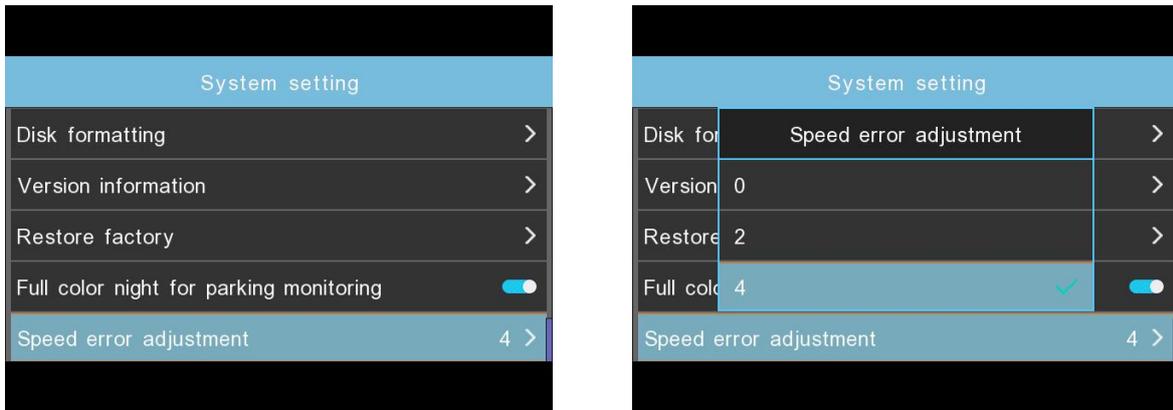
3.19 WIFI info, Turn on or off the WiFi switch, check the WiFi information, download the APP;



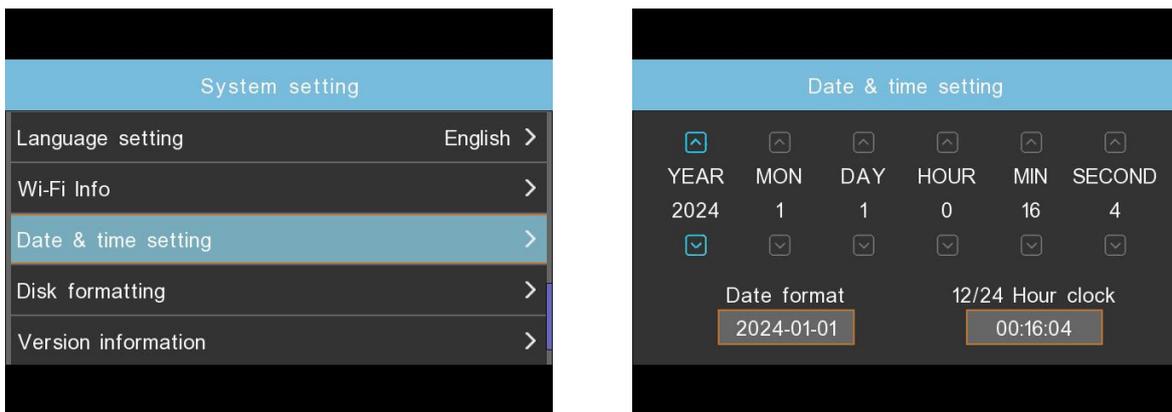
3.20 Satellite information, Check the GPS signal strength. For normal use, the GPS signal value should be greater than 40db, with a minimum of 4 satellites. If the signal strength is insufficient, change the installation location of the GPS module until the signal value meets the required level.



3.21 Speed compensation, -6, -4, -2, 0, 2, 4, 6 KM/H, with the default being 0 KM/H. Fine-tune this value to calibrate when there is a deviation between the vehicle speed and the GPS speed display.



3.22 Date&time setting, Manually set the year, month, day, and time, and automatically save the settings. (When connected to a GPS module, the time will be automatically calibrated and manual settings are not required.)



3.23 Disk formatting, Format memory

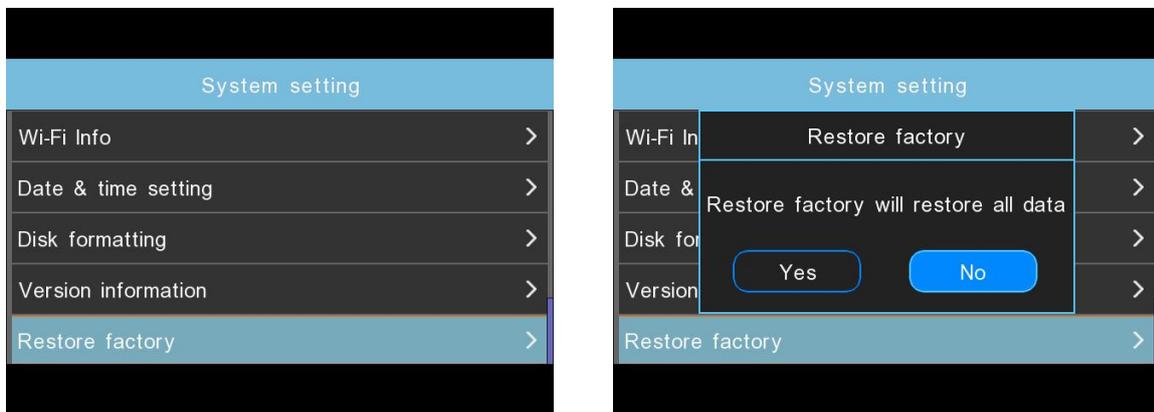
Note: Formatting will delete all data, please back up your data before operation.



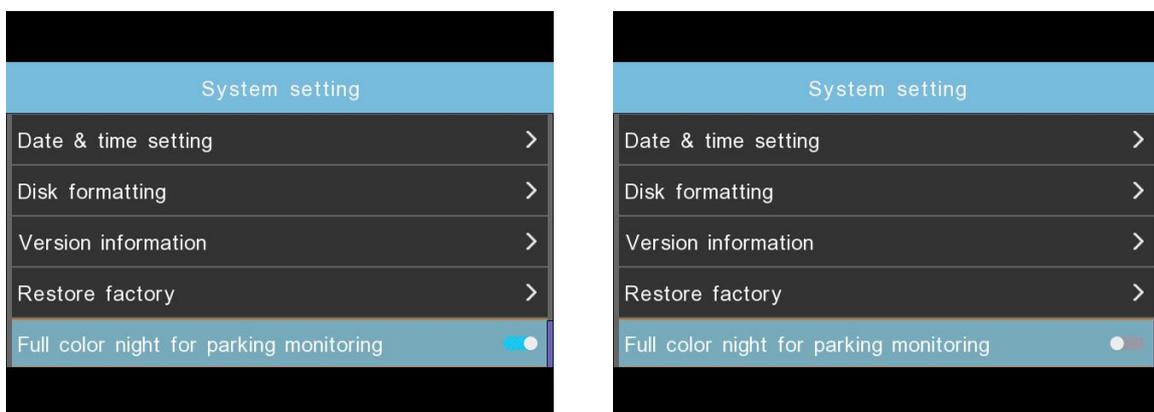
3.24 Version information, Display system version information



3.25 Restore factory, After executing the command to restore factory settings, all default parameters of the recorder will be reset to their factory preset values.



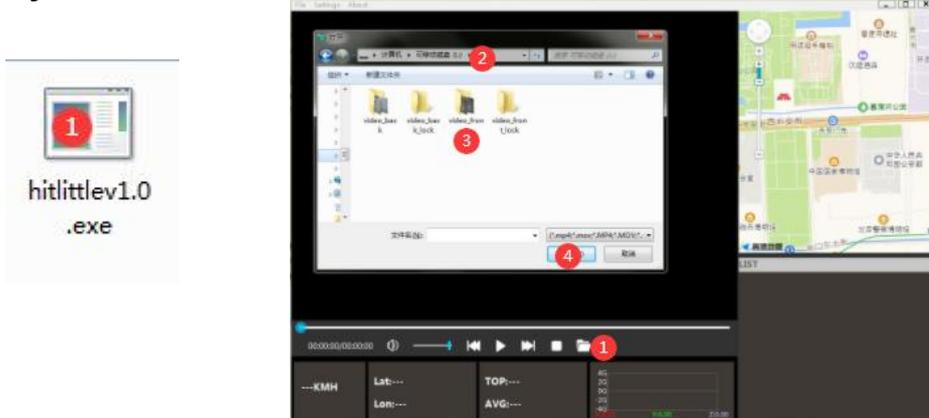
3.26 Full color night for parking monitoring, Parking surveillance with lightless full-color night vision function, enable or disable, default is disable.



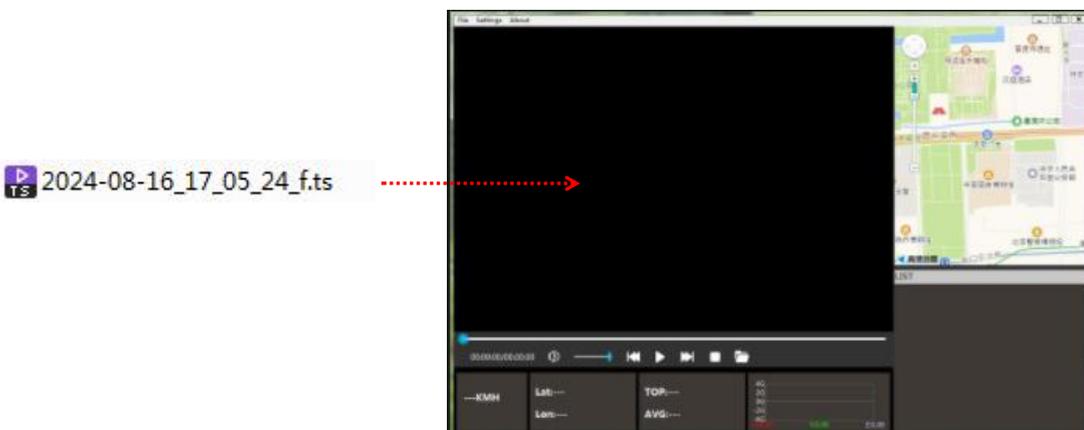
4. Playing Video Files Using Your Computer

1. Remove the micro SD card from the dash cam.
2. Insert the card into the micro SD card reader and connect it to a computer.
3. Run the hitlitlev1.0 download program to download the GPS track player. It will automatically download after running. Once completed, follow the prompts to automatically install, and click "Allow" for all permission requests.
4. Install the OMBAR GPS player on your computer. (Note: Please close or ignore the prompt of the anti-virus software, we confirm that it will not bring any security impact to your computer.)
5. You can click the "Open Files" button to browse and select the Video or Image folder of the micro SD card on the GPS player. It will show all files in the video_front or video_back or video_front_lock or video_back_lock folder. Or you can also drag the video files directly to the launcher screen.
6. There are two ways to play video.

A, Click File-Open icon to choose the folder which you want to play, click to start play. (Note that you can ONLY select one folder to play and see no video files)



B, Select from "My Computer" and find the memory card disk, choose the video file you want to play, you can drag and drop the file directly to the player. You can get the GPS information on the player.



Folder name: front, this is the directory for front-facing video recordings. The video filenames follow the pattern XXXXXXXX_XXXXXF, where F indicates a front-facing video.

Folder name: incar, this is the directory for in-car video recordings. The video filenames follow the pattern XXXXXXXX_XXXXXM, where M (though it might be a mistake here, as typically it wouldn't stand for "front" but could be a placeholder for "in-car" or something similar; for the sake of this translation, I'll keep it as M) indicates an in-car video.

Folder name: rear, this is the directory for rear-facing video recordings (optional). The video filenames follow the pattern XXXXXXXX_XXXXXR, where R indicates a rear-facing video.

5.WIFI connection

1. Long press the M key to turn on/off WIFI with just one click;Enter the menu - click on "WIFI switch" to turn on/off WIFI

2.Open the WIFI information, scan the QR code, and check the

WiFi name: JUSCAR-XXX WiFi password: 12345678

3.Download APP (Please select and use according to the compatibility of your mobile phone system. We provide two apps.)

There are two ways to download APP:

1.Search for the APP in the App store to download:

For ios system, you can enter the App store and search for "Viidure"or" BoBocam" to download

2.Scan the QR code ios and android system, both can download"Viidure"or" BoBocam" by scanning the QR code APP, the steps are as follows:

(1) Open Google Chrome or others with a "scan" function

(2) Select the corresponding system of the mobile phone, click to download



BoBocam



Viidure

Capable software, scan the" Viidure"or" BoBocam" QR code

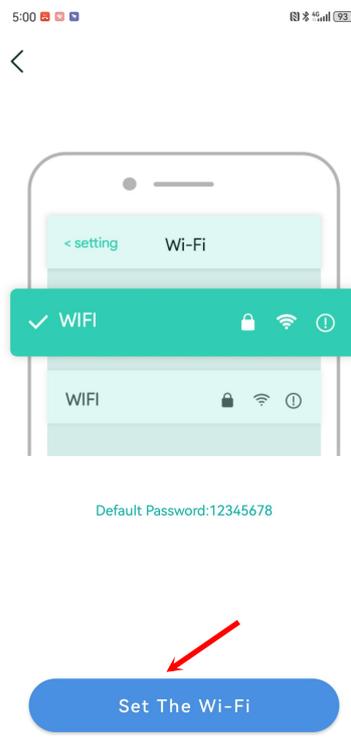
1. APP connection method

Open the app

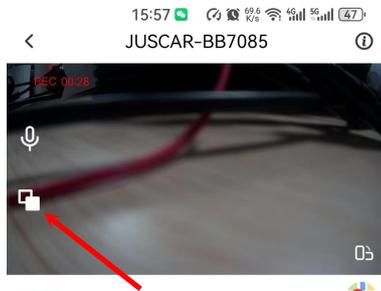
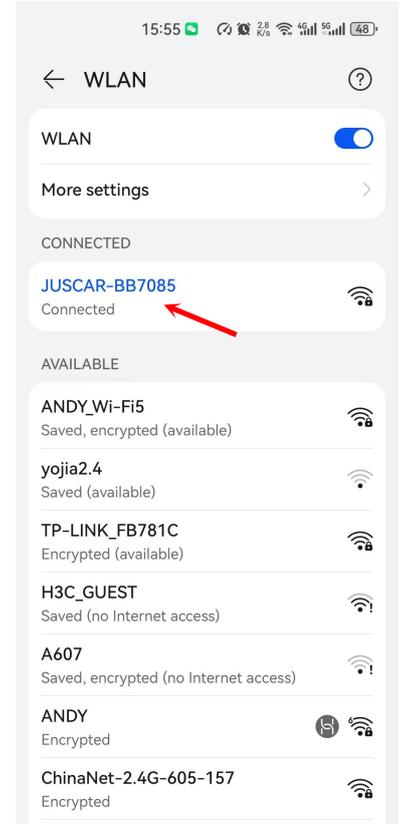
click to connect camera recording interface



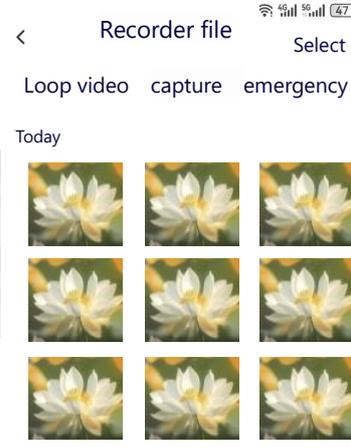
click to Set The WI-FI



connect WIFI



Switch front/rear



Click to play the video again.



Click to pause recording

snap a photo



Manual one-touch file lock function

Touch click the "Lock icon" button in the video mode, you can lock the current recording file with one key, the locked file will not be overwritten by the loop, and the locked file cannot be deleted (only when doing file deletion operation on the car recorder, if you choose to format the card, then all files in the card including the locked file will be deleted).

Automatic document lock function

This machine has a built-in three-axis gravity-sensing chip, the vehicle in the process of driving a traffic accident, the vehicle was hit when the machine can automatically lock the current video protection, for the accident investigation and evidence to provide strong evidence!

Warm tips: Video locking time is based on the length of the video set in the recorder settings menu

The video locking time is based on the recording length set in the recorder setting menu, the loop recording menu has "1/3/5" three gears, If you set the recording time to 1 minute, the video locking time is 1 minute!

Parking monitoring function (This function can only be achieved by connecting a dedicated hard wire set.)

This machine has a parking monitoring function. After the parking monitoring function is turned on, when your car is "struck", the recorder will automatically turn on and record, record the image at the time of the incident, and escort your car.

One key WIFI function

In standby mode and recording mode, long press the M key to turn on/off WIFI.

Special features:

RESET reset

If the machine is abnormal or crashes during use, you can press the RESET button through a small needle through the small hole of the shell to reset the machine.

Product specification sheet:

product name	Logger
Features	camera
Front resolution	1440P
Incar resolution	1080P
Take pictures	stand by
screen size	3 inches
Lens	wide-angle lens
Language	English\Chinese\French\German\Italian\Spanish\Japanese-Russian\Vietnamese\Korean\Arabic\Portugal
Video file format	TS
Photo file format	JPG
GPS	stand by(Optional)
Color effect	standard
Uninterrupted loop recording	Seamless loop recording, no seconds lost
On-board switch machine	Support car ignition to turn on, turn off the car
Post-recording	HD post-recording

Year month day hour minute	stand by
WiFi	stand by
Night vision function	stand by
Incar camera	Infrared HD camera
storage card	C10/U3TF card(Supports up to256GB)
Reverse image	stand by
microphone	stand by
Built-in audio	stand by
Time-lapse video	stand by
Current frequency	50HZ/60HZ
USB function	stand by
power supply	5V/2A

Troubleshooting

Under normal operating conditions, if the product has abnormal problems, please refer to the following methods to solve.

Can not boot:

Check whether the wiring is installed correctly; or take out the memory card and restart the machine.

Automatically stop recording during recording, or do not cycle recording:

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

The film is not clear:

Please check the lens for dirt and fingerprints. Please clean the surface of the lens before shooting to keep the lens clean and tidy.

Sometimes the effect of the film is good and bad:

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

There are streaks in the image:

This is caused by setting the wrong "source frequency" under fluorescent lamps, and the domestic frequency is "50HZ".

CUSTOMER SERVICE:

- Defective or damaged item?
- Inaccurate description?
- Missing parts or accessories?
- Performance or quality not adequate?
- Wrong item was sent?



service@juscar.com

Response in just 24 hours

**Contact us before returning the item.
We will help you resolve any issue asap.**

Disclaimer

The recorder is an instrument for recording related information such as images and sounds during the driving of the vehicle. Accidents, etc. are only used as an auxiliary reference to avoid user misunderstanding:

Special note: The machine must be in the recording working state before it can record files.

However, the image will be damaged or lost in the following situations:

1. During recording, pulling out the TF card will cause the last recording file to be damaged or lost.
2. Illegal power failure during recording will cause the last image to be damaged or lost.
3. The video film is damaged or lost due to the destructive collision of the machine during the video recording.
4. Excessive collision during the recording process causes the memory card to become loose at the time, which will damage the files at the time or cause the files to be lost.

The audio and video recorded by the driving recorder are for reference only, and our company shall not be jointly and severally liable for any loss caused by bad files or data loss caused by abnormal conditions of the machine.

Hereby declare