Product Operation Manual

The contents of this document are for reference only and can be changed at any time without prior notice. Our company has made every effort to ensure that this manual is correct and perfect. However, we are not responsible for any errors or omissions. The manufacturer reserves the right to change technical specifications or accessories without prior notice.

This product and other antennas cannot be placed or operated together with any other antenna transmitter in the same place.

WEEE notification

EU Directive on the Division of Users into Private Household Waste Electronic and Motor Products and/or Batteries

This symbol on the product or package indicates that the product cannot be treated as household waste. You must dispose of your waste motor products or batteries in accordance with the provisions of the relevant electronic and motor products or battery recycling laws. For details about the recycling of such products or batteries, please contact the local municipal government, the merchant you purchased the product or your household waste disposal company. Recycling of materials helps to protect natural resources and ensure recycling in a way that protects human health and the environment.

Installation Instructions

1. The wire and host shall be installed far away from the flame coil.

2. Do not seriously bend the wire and port when wiring.

3. Do not touch the lens with your fingers. The oil stain on the finger may stay on the lens, causing the film or photo to be unclear. Please clean the lens regularly.

4. Please use the power connector attached to the product, and do not use other brands to avoid burning the equipment.

5. It is recommended to install the wiring through a professional installation factory

Safety precautions

1. Users must abide by local laws and take driving safety as a priority. Do not operate this equipment in driving.

2. Before using the device, please confirm that the time zone, date and time have been set.

3. The built-in initial function of this equipment is only for the user's reference, and road driving should be judged according to the actual road conditions.

4. The GPS positioning results are only for users' reference and will not affect the actual driving behavior. This equipment cannot ensure the accuracy of its positioning.

5. The accuracy of GPS positioning may vary, including being affected by weather and use location (high-rise buildings/tunnels/underpasses/forests).

6. The quality of GPS reception is different from the characteristics of individual hardware. The equipment cannot judge different positioning results caused by hardware differences.

7. The speed and azimuth values displayed by this equipment may have errors due to external environmental factors, which are only for users' reference.

8. This product is only used for non-commercial purposes, to the maximum extent permitted by law. The Company shall not be liable for any loss caused by the use of this product.

9. The Wi Fi signal cannot penetrate the building, and the signal distance is limited to 5 meters.

10. This product uses wireless data communication, which may interfere with or be interfered

by adjacent devices.

11. Please do not use this product near the microwave oven or any place where magnetic waves and radio interference may occur

12. This product will become slightly hot during use, which is a normal phenomenon and does not represent a fault.

13. If the equipment or accessories are damaged due to incorrect use of this product or improper operation, your warranty will be invalid.

Tips: Please format TF card in the menu bar before using the machine.

1. Product introduction
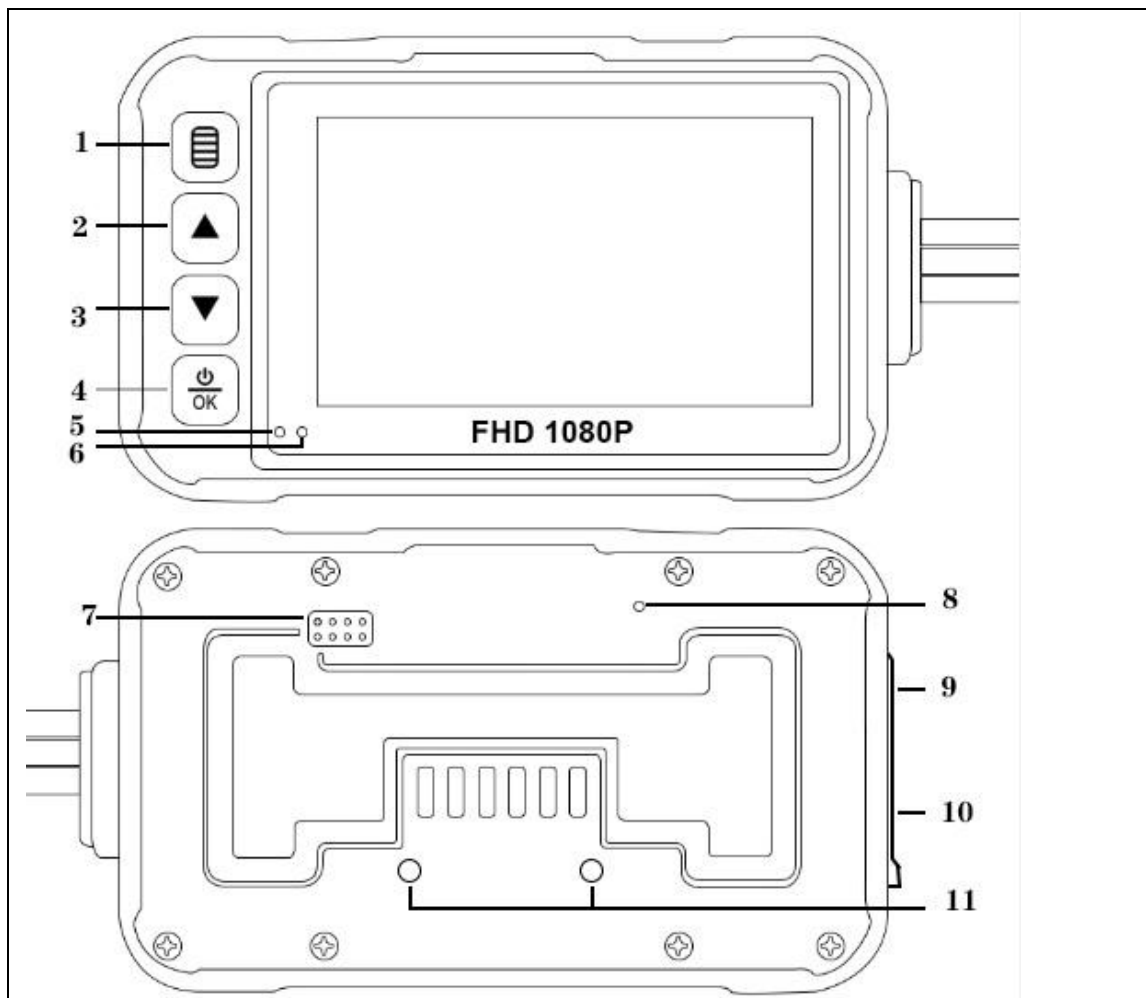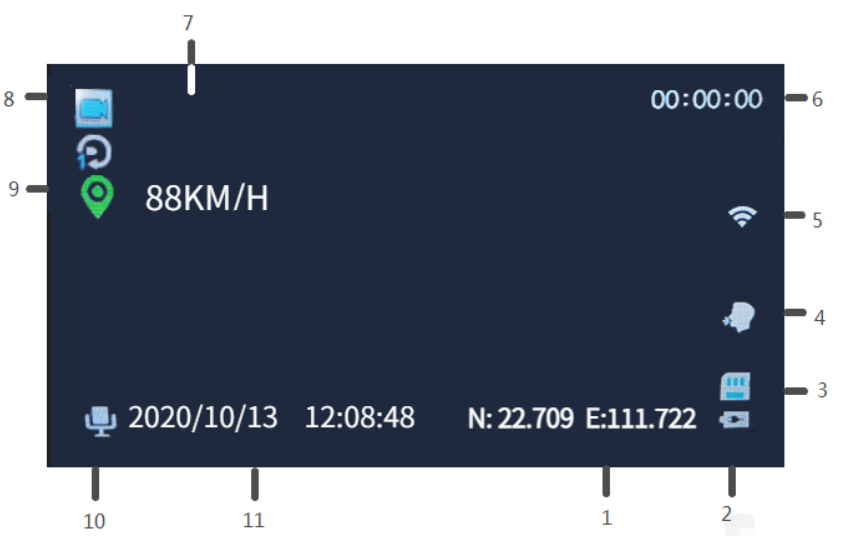
1.1 Function list

Number	Name	Function
1	Menu/mode	Long press to enter menu mode, short press to enter video recording/photographing/playback
2	Up key	Menu mode: Scroll up and down. Standby state: Press to switch the display position of the lens screen, and hold down to turn on or off WIFI. Playback mode: Short press up and long press to switch.
3	Down key	Scroll down key in menu mode, short press to turn off recording in standby mode, long press to turn on parking monitoring
4	Confirmation/ key switch	Pause/record the video mode, and confirm the definition of other modes; On/off key
5	red light	The charging mode is on and the full charge is off
6	Blue light	Blinks when recording and stays on when recording is stopped
7	horn	In playback mode
8	Microphone	sound recording
9	Reset hole	Restore the machine under special conditions
10	TF card	16G-128G high-speed card
11	Mounting hole position of bracket	Fixing bracket

1.2 A list of the screen

Number	Name	
1	Latitude and longitude	
2	charging	
3	TF 卡	
4	声控	
5	WIFI	
6	录像时间	
7	时速	
8	录像	
9	GPS	
10	录音	
11	时间	

00:00:00

88KM/H

2020/10/13   12:08:48   N: 22.709 E:111.722

1.3 Product setup

icon	name	function	icon	name	function
	cycle record	Off for one minute, three minutes, five minutes		Automatic shutdown	Off, 3 minutes, 5 minutes, 10 minutes
	Parkingmonitoring	Off. One second, three seconds, five seconds		Lightsourcefrequency	50Hz,60Hz
	recording	Off, on		Keystrokesound	Off, on
	Date label	Off, on		Languae selectin	Chinese,Chinese,Japanese,English,Korean,Thai, Russian, Vietnamese,,,
	Dynamicinduction	Off,low,medium,high,please usetheparkingmonitortoopen,normally forbidden to open.		Date and time	2023/02/02/12:12:12 Up and down key to adjust the number, OK key back flip
	Parking guard	Off, on		MobileInternet	WiFiname :wifi_cam,,,,/ wifi password: 12345678
	Licenseplate number	Off, on		Format card	Confirm, cancel
	Front mirror image	Off, off/on video mirroring, on/off video mirroring, on/on video mirroring		Default setting	Restore factory default Settings: Confirm, cancel
	Back mirror	Off, off/on video mirroring, on/off video mirroring, on/on video mirroring		version	SE-HF-57XX-20230202
				Time zone	UTC-12：00/+00：00/+12:00
	Screen saver	Off, 30 seconds, 1 minute, 2 minutes		Unit of speed	KM/H,MP/H

2. Description of remote controller

Picture	Number	Name/Function
	13	Add lock key: Short press to take a picture, long press to lock
	14	indicator light: Pause when recording is stopped, and normal recording when flashing
	15	OK key: Pause recording, normal recording, long press format
	16	Microphone: Listen to the recording

3. Memory card

3.1 Insert the memory card (refer to the direction below)
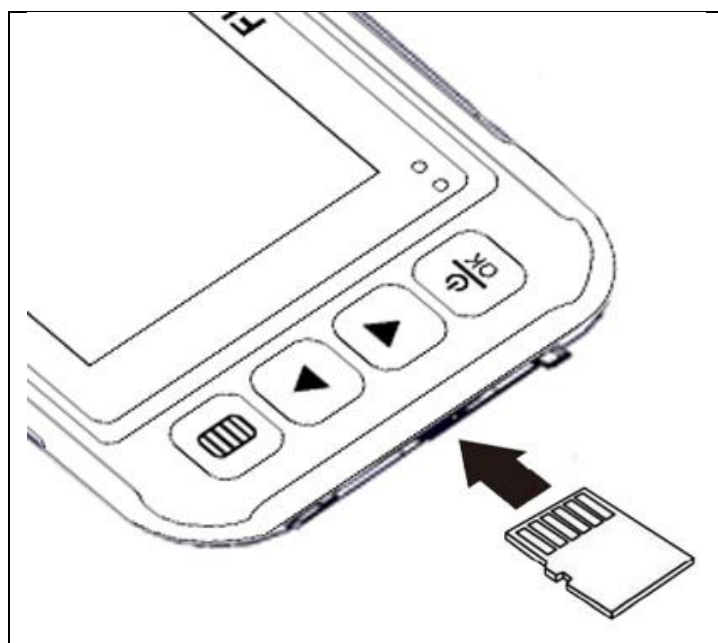
3.2 Remove the memory card

Note：
1. When the host is working, do not remove or insert the memory card to avoid damaging the memory card.
2. Only microSD cards with a speed level of V30 or above and a memory capacity of 16GB or above can be used (up to 128GB)
3. Please use APP to synchronize time and format microSD card before use.
4. Please synchronize the time and format the memory card regularly (once a month is recommended) to avoid too many locked files caused by parking monitoring.

32G	64G	128G
Cycle for about 2 hours	Cycle for about 4 hours	Cycle for about 8 hours

4. Host accessories and power cord connection

4.1 Connect the accessories and power cord to the host according to the port color.
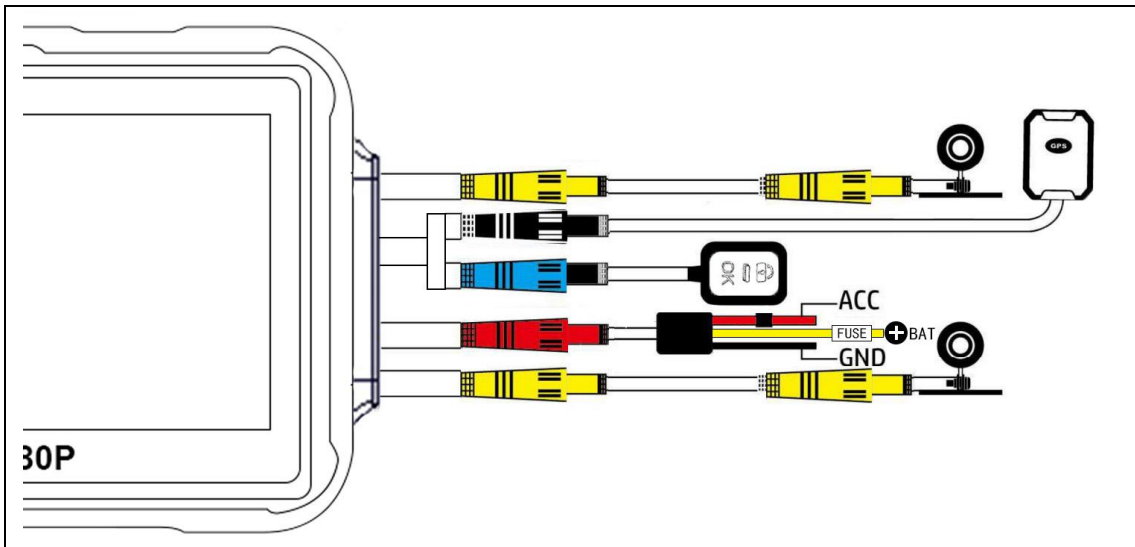
4.2 Installation position

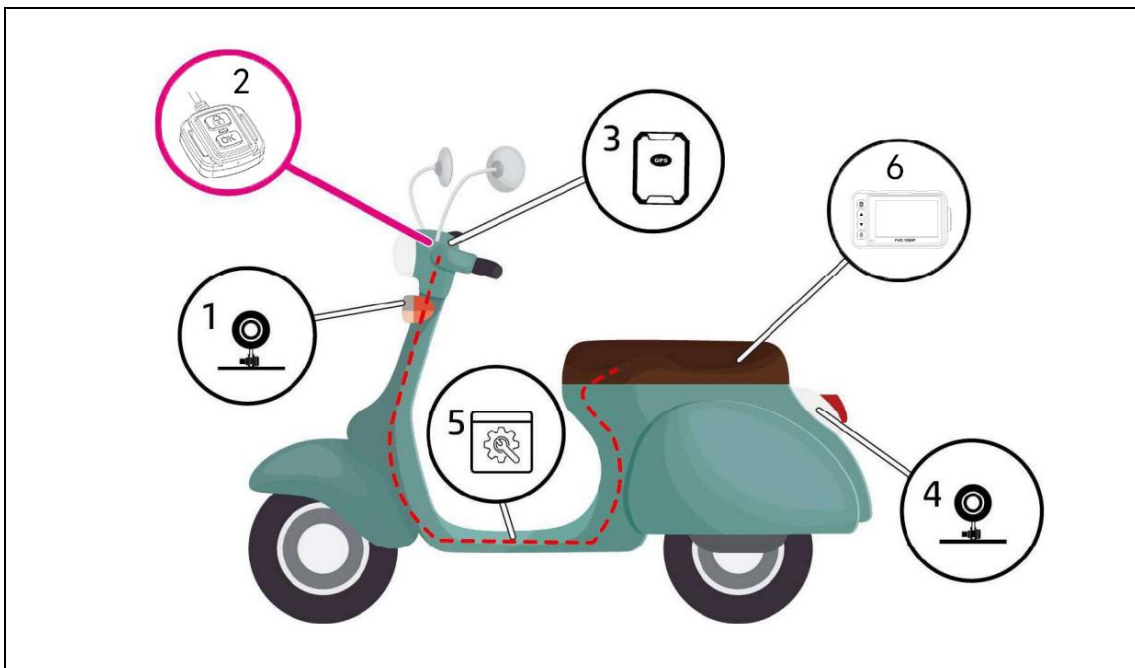| number	name	Installation position
1	front camera	It can be fixed in the center of the car tap or front baffle.
2	Remote control	It can be fixed near the handle. Do not install the sound hole of the wire controller forward to reduce wind resistance.
3	GPS	GPS function antenna please install outside toward the sky, to ensure the quality of receiving.
4	Rear camera	It can be fixed above the license plate.
5	Wiring accessories	Use the installation accessories package for wiring, front camera cable, power cable, wire control cable, and GPS cable to run from both sides of the A pillar to the rear storage box.
6	Host and wire	The host, power cord, front/rear camera cable, wire control cable and GPS cable are all put into the storage box, and the host can be fixed in the internal measurement to facilitate the extraction of memory cards. *After the installation of the host, please use APP to correct and observe.
Note: If the monitoring function is not used, connect the yellow line and the red line to the ACC port. (Note: This connection will disable the time-lapse recording/parking monitoring function)		

4.3 Installing the power cord(8-36V)

4.3.1 The black line is connected to the negative pole of the motor power supply, the yellow line is connected to the positive pole of the power supply, and the red line is connected to the positive pole of the electric lock ACC. If a multimeter is used, please adjust the DC bit, connect the black pen of the meter to the negative pole, and the red pen to the test line. When ACC is closed, the table does not show 0000, and when ACC is opened, the table shows 12.00, indicating that the positive pole of ACC is found. If you do not find it, please continue to find the location with the red pen. Make sure to connect the ACC correctly, otherwise it cannot be turned on/off with the car.

4.3.2 This product is equipped with USB power cord, which can be used directly in line with (5V/2A).
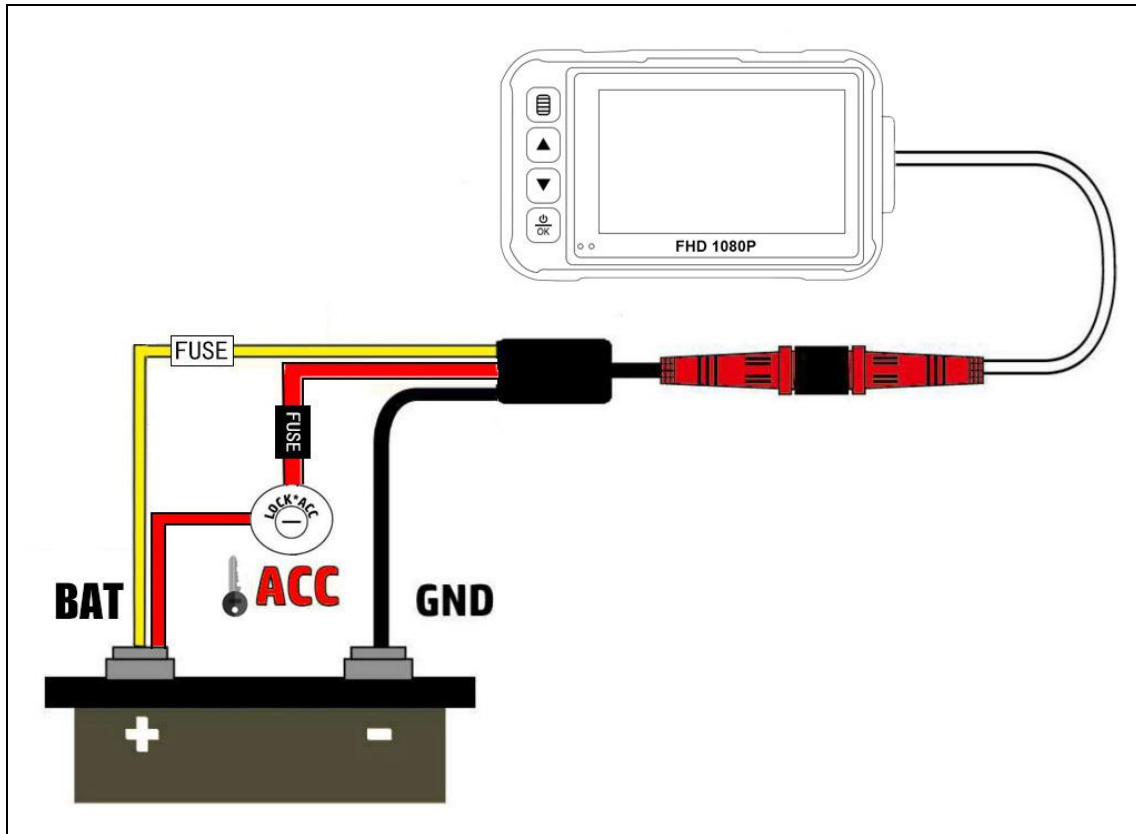
4.4 Adjustment and correction

After installation, please use the APP to synchronize the phone time, set the time zone, adjust the front and rear lens angles, and adjust the host.

5. Download application

 RoadCam	**1.** Search and download "RoadCam" from Huawei/Xiaomi /VIVO/OPPO and other Android mobile phone application markets, 2. Download "RoadCam" from ISO APP Store or Android Google Play. **2.** After WeChat scans the QR code, you need to enter Tencent App Store to download it. **3.** Use the Wi-Fi function of the mobile phone, search for wifi_camera_ac(numbers are random), click OK, enter the password 12345678, and connect to the host

6.   WIFI connection

6.1. Use the mobile phone Wi Fi function to search for wifi_ camera_ Ac (the following numbers are random), click OK, enter the password 12345678, and start connecting to the host.

6.2. Use the APP RoadCam downloaded from your phone to start setting or operating functions.

notes：

1. After the host is started, WIFI has been turned on.

2. The connection between the host and the mobile phone should be within 2 meters, and there should be no buildings around.

3. The APP language family and the phone default language family will be synchronized.

4. **Before connecting to WiFi, please turn on GPS positioning of mobile phone system.**

5. It is prohibited to operate the remote control function after connecting WIFI, but it can be operated by mobile phone APP.

6.3   Use application

6.3.1 Enter the downloaded APP 'Road Cam' and start using the program→ The equipment has been connected, as shown in the figure below.

wifi_camera_ac57_486cc4
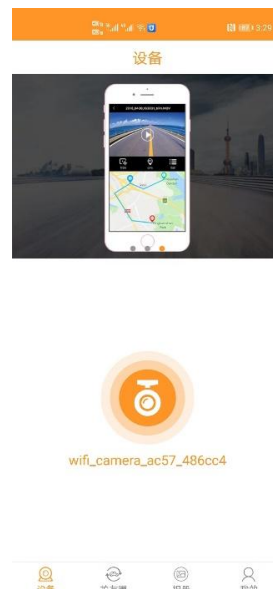
6.3.2 Video recording and shooting, camera preview/flipping

You can use this function to preview and flip the video display on the APP, start recording or take photos.

Illustration	Explanation
	Record or pause recording
	Take a picture (no matter the preview of the front lens or the rear lens, press the take picture button, and the front and rear lenses will take pictures)
	Toggle front and rear camera preview
	Video gallery
	Photo Gallery
	Set key
	FHD,HD,SD

6.3.3 File playing, deleting and downloading

Illustration	function
	Download videos and pictures to the local device album
	Delete video and picture (appears when long press the video or picture Is selected)

6.3.4 Download and play APP video files (as shown below)

	number	name	explain
	1	Driving track	Color line discrimination
	2	clip	Cut videos as needed
	3	list	View playback video and picture files
	4	GPS	View real-time position and driving track
	5	Time Watermark	Longitude and latitude, driving speed
	6	Full screen	Video and pictures can be played in full screen
	7	One click sharing	Can share twitter, WeChat, add WeChat collections, QQ, SouL, microblog, nail, save online disk, etc

一. **To view playback videos/pictures, please adjust the APP window to the corresponding camera screen to view the corresponding content playback.**

二. **2. APP view GPS download video first, view the content in the APP album, need to connect to the available network view.**

6.3.5 Camera Settings

You can use this function to set the machine, click the 　　　　　 Make settings.

The available options are as follows. Please set them according to your personal needs or preferences.

Catalog Options	describe	Available options
WI-FI Name	Set WIFI name	Self determined
WI-FI connection password	Set WIFI password	Self determined
sound recording	Real time recording	On/Off
Camera time watermark	Time coding	On/Off
Front parking monitoring	Automatic monitoring after	On/Off

	parking by front camera	
Rear parking monitoring	Automatic monitoring after parking by rear camera	On/Off
Video resolution	The sharpness of the video (the higher the better)	Self determined
Photo resolution	The sharpness of the picture (the higher the better)	Self determined
Gravity sensing sensitivity	Off/Low/Medium/High	Self determined
Compact video recording	Compressed video size	Self determined
Device Formatting		
Restore factory settings		

7. GPS (optional) function description

(The remote control indicator flashes after the GPS receives the signal). Through Beidou positioning, use the APP "GXPLayer" on the PC end, After installation, the video can be played to check the driving track, speed, longitude and latitude, etc. It is recommended that the GPS module assembly be fixed on the left and right handlebars of the car, and away from the engine or objects with metal materials, so as to ensure the stability of the GPS signal. For details about how to view GPS on a mobile phone, see 6.3.4 Contents.

number	name		number	name
1	Front lens image		10	Browse Folders
2	Playback visible duration		11	Rear camera image
3	volume		12	compass
4	Fast rewind		13	Map/driving track
5	play		14	File List
6	Fast forward		15	Language/Map Settings
7	suspend		16	Longitude and latitude
8	Playback duration		17	speed
9	Gravity value			

8. Compact video recording function

8.1 Please turn it on or off in the APP setting function, and the WiFi will automatically disconnect the link after entering the minitype video recording.

8.2 Close the minitype video recording in the APP setting interface, or close it after restoring the factory settings.

9. Troubleshooting

phenomenon	reason
Power on fails to start	Make sure that the vehicle is open, the wiring is normal, and the access voltage is about 12V.
APP cannot be connected, unable to record or no recording	Please ensure whether the TF card fails or the host works abnormally. You can reset the system by replacing the TF card or [Reset], or press the lock key for 3 seconds to restore the factory settings.
The APP display is not smooth	Try to keep the number of mobile background software small, clean up the garbage in mobile memory, or restart the APP.
Unable to search WIFI domain name	Please refresh the list of available WIFI on your phone.
APP screen is black	Please stop recording before switching the front and rear camera images.
APP suddenly flashes back	Please turn off the APP in the background of your phone and restart the APP. This is because the WiFi signal is disturbed.

10. Product parameters

Project	Description
Applicable model	All motorcycles
Video Pixels	Front camera: 1920X1080P Rear camera: 1920X1080P
sensor	1/2.7/4G/GC2053
display screen	3.0IPS
Camera angle	Front/rear 120 ° wide angle
Video parameters	Format: MOV
	Front lens: 1080P/25fps Rear lens: 1080P/25fps
Photo parameters	Machine and APP take photos
	Format: JPG
Gravity induction	Close. Low Medium high
Compact video recording	Support (1S-30 minutes, 2S-60 minutes, 3S-90 minutes)
Memory card	The microSD card above V30 speed supports up to 128GB
Mirror image/preimage	support
Loop recording	Support (1 minute)
Microphone	built-in
horn	built-in
WIFI	support
APP language	Follow the default language of mobile phone system
Timestamp	support
ISO	support
Power Supply	8V-36V to 5V
Battery	Supercapacitor
Automatic video recording after startup	support
Degree of protection	Host, remote control IP65 waterproof, lens IP67 waterproof
Parking monitoring	Supported (30 seconds/time) File name: EWR
GPStrack/vehiclespeed/longitudeand latitude/compass	Support external connection
Operating ambient temperature	-10~60℃
Host size	103*60*27MM
Main engine weight	About 80g

11. Product accessories

List of accessories			
host	front camera	Rear camera	Mounting bracket
Lens holder	3M glue	Remote controller	ACC power cord
GPS control line	extended line	USBpowercable	instructions
Cardtakingpin/bindingband/wrench/screw, etc			