Vehicle mounte Gwireless monitoring Gisplay

Q12-7inch

Product Introduction

Touch Screen screen

Mic

SD

horn

Button cell

key

Serial port

power supply

wifi

CH1 CH2 CH3 CH4

13:06

CONFIRM
RECORD KEY

"-" KEY

"+" KEY

VIDEO SWITCH KEY

MENU KEYS

ON/OFF

OK   AV/DVR   MENU   POWER

CONFIRM RECORD KEY

"-" KEY

"+" KEY
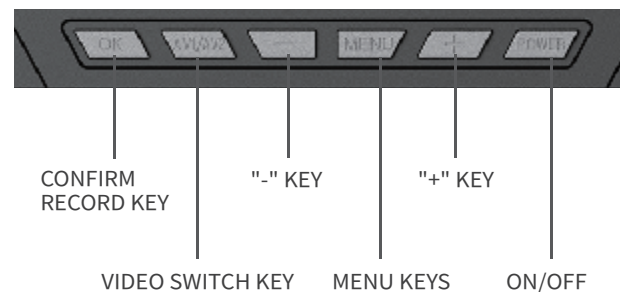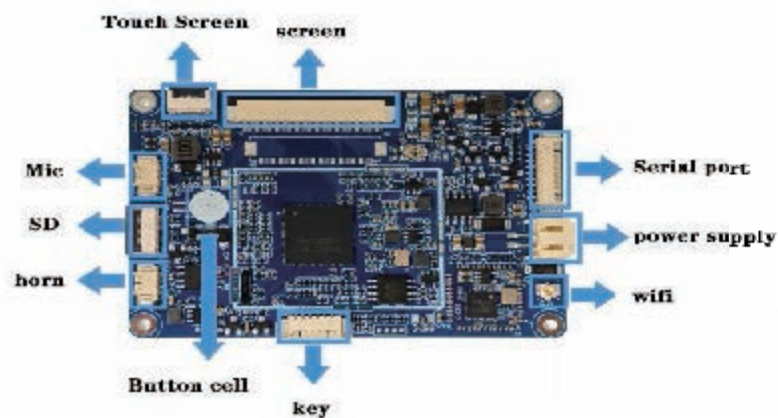
VIDEO SWITCH KEY

MENU KEYS

ON/OFF

PCBA SPECIFICATION SHEET

TP

SCREEN

MIC

SERIAL PORT

SD CARD HOLDER

SOURCE

HORN

WIFI

BUTTON CELL

KEYS

pair   image settings   overturn   mode

BSD   Replay Theater   Video recording settings   set up

BSD
☑ CH1 ☑ CH2
☑ CH3 ☑ CH4

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time setting   Sound

English

Language settings   Trigger delay

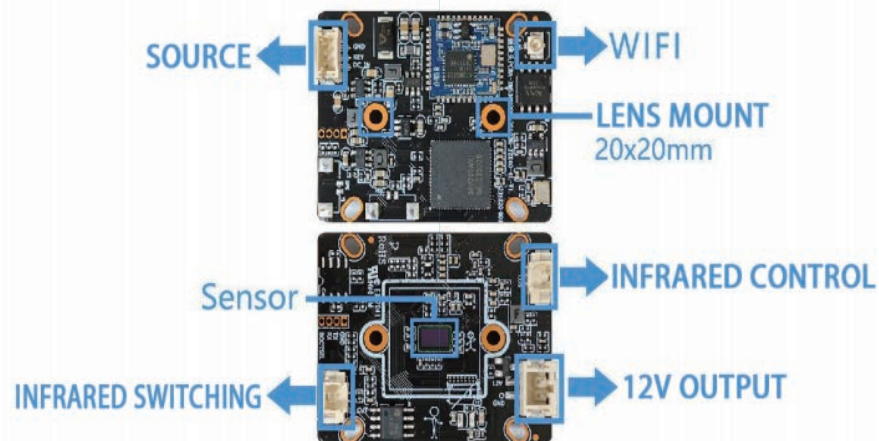Factory settings   Power saving mode
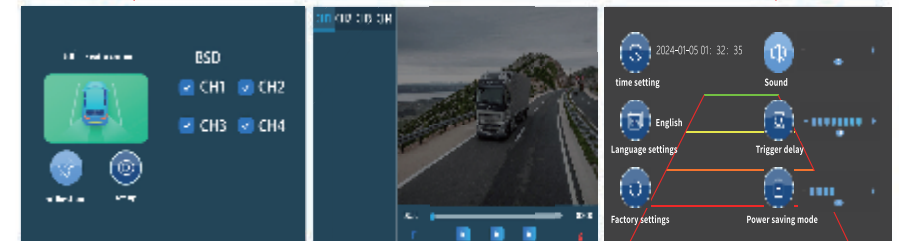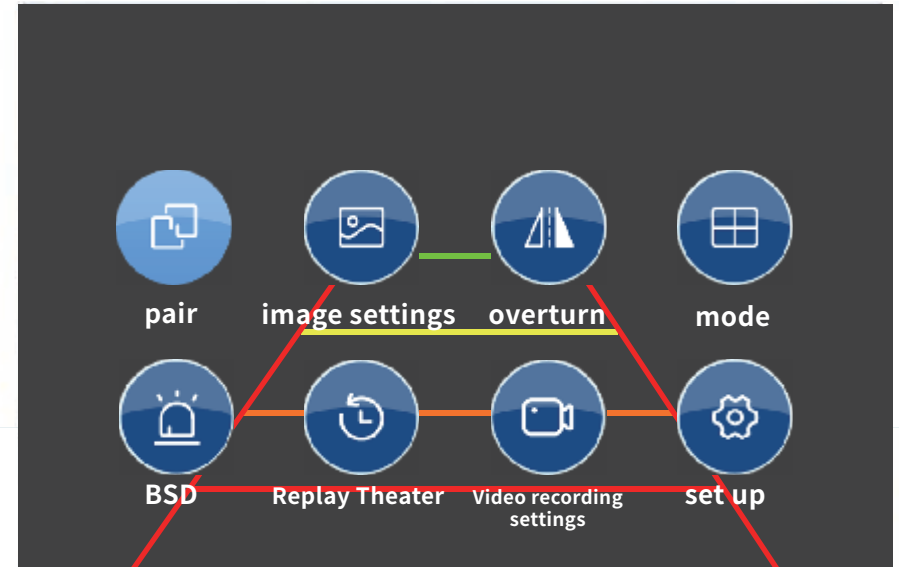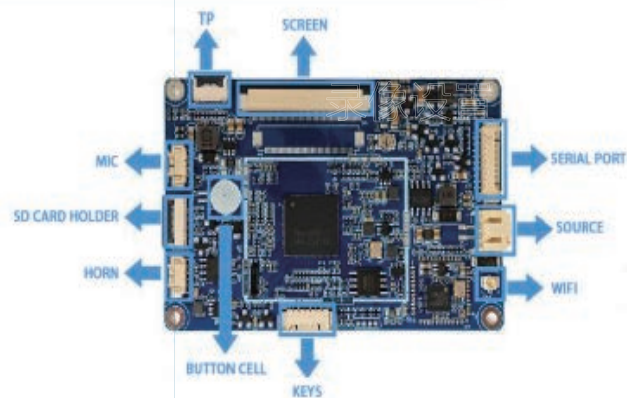
PRESS MENU TO ENTER THE MAIN MENU, SWITCH LEFT AND RIGHT WITH "-/+", AND PRESS OK TO ENTER THE SUBMENU

1 MAIN MENU: PAIRING, IMAGE SETTINGS, FLIPPING, INTELLIGENT WARNING, VIDEO PLAYBACK, SYSTEM SETTINGS, ETC

2 INTELLIGENT WARNING: BSD BLIND SPOT WARNING, ADJUSTABLE CALIBRATION BOX ACCORDING TO DRIVING CONDITIONS;

3 VIDEO PLAYBACK: CAN BE ACCESSED WHEN INSERTING A CARD, AND CAN PLAYBACK/DELETE VIDEO FILES

4 SYSTEM SETTINGS: CAN SET TIME, LANGUAGE TYPE, TRIGGER DELAY, FACTORY SETTINGS, ETC

◆ AI intelligent assistance system

(human detection and recognition, non-human detection and warning, license plate detection and recognition, DMS, BSD)

PCBA SPECIFICATION SHEET

- SOURCE
- WIFI
- LENS MOUNT 20x20mm
- Sensor
- INFRARED CONTROL
- INFRARED SWITCHING
- 12V OUTPUT

pair

image settings

overturn

mode

BSD

Replay Theater

Video recording settings

set up

main menu

Pairing, image settings, flipping, mode settings Intelligent warning, video playback, video settings, system settings
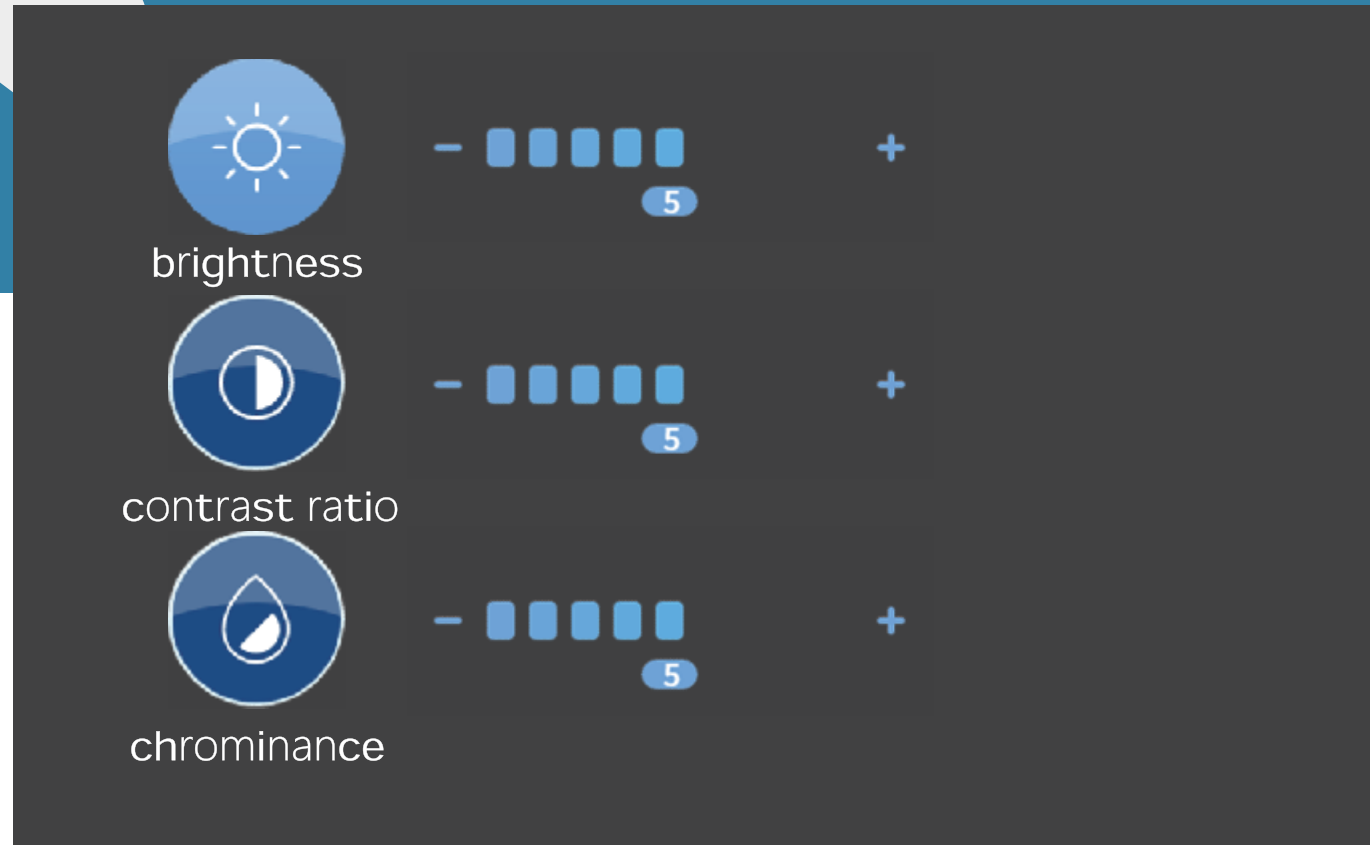
image settings

Image Settings submenu

In the submenu, you can adjust the display brightness, contrast, and chromaticity.

brightness

5

contrast ratio

5

chrominance

5

overturn

Flip the rotor menu

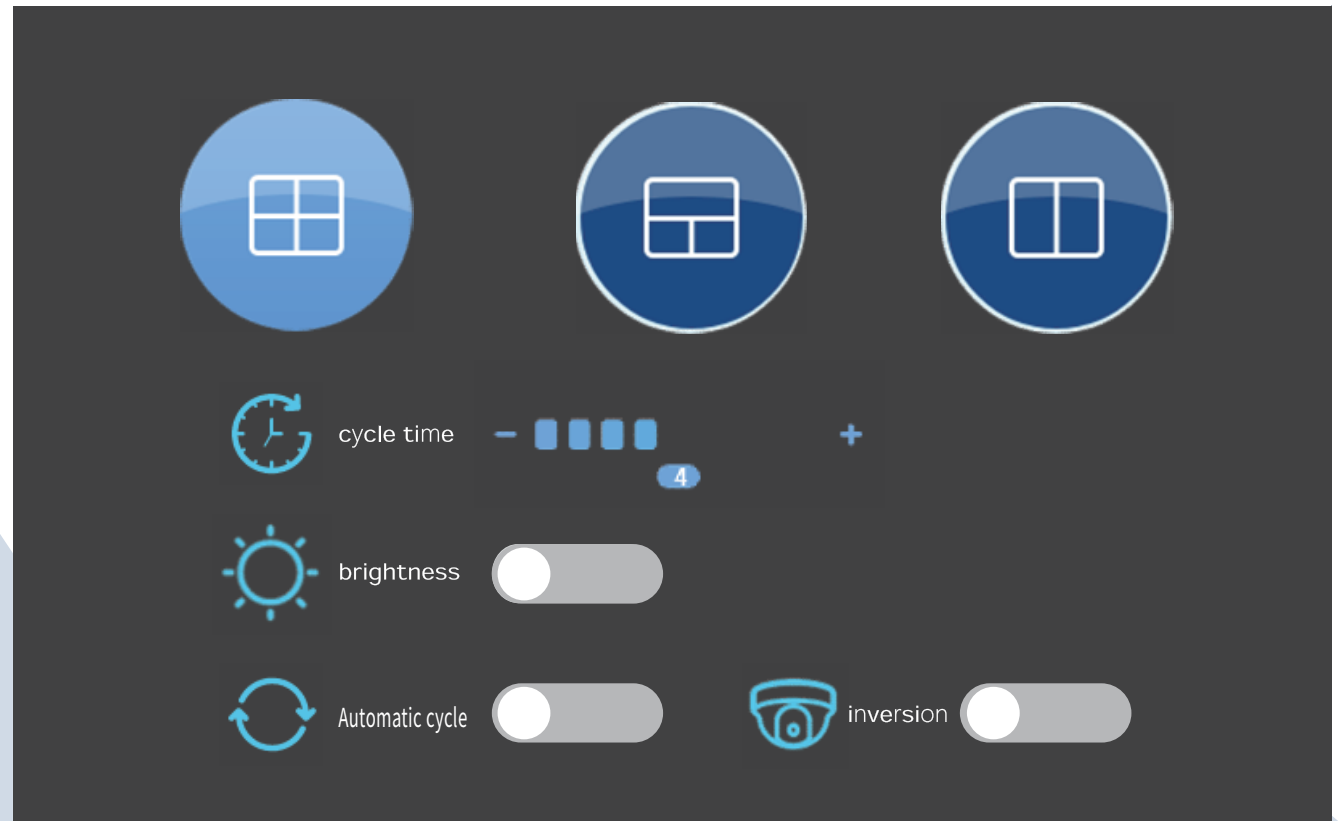You can adjust four different flip angles within the sub menu.

Mode Settings

Mode Settings submenu

In the submenu, you can have multiple different split screen modes as well as cycle time, automatic brightness, automatic cycle, and flip mode
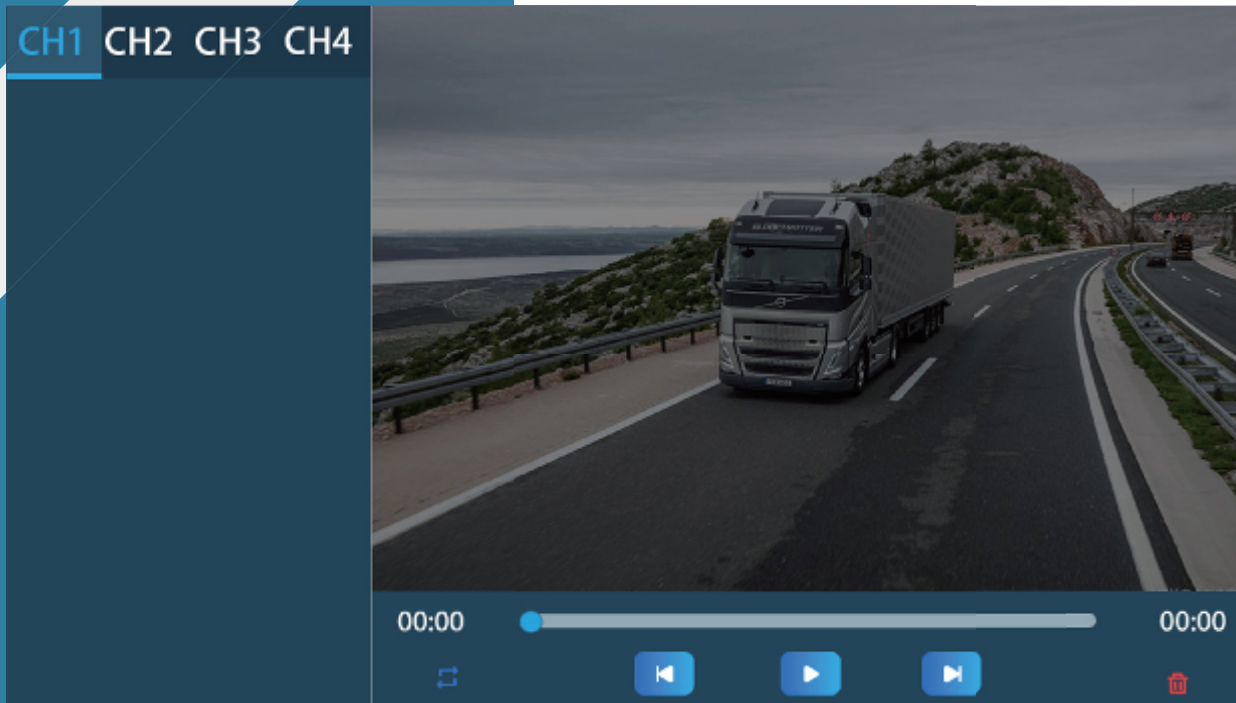
cycle time   4

brightness

Automatic cycle   inversion

BSD

There are calibration, settings, and four-way BSD mode activation functions in the submenu

Replay Theater

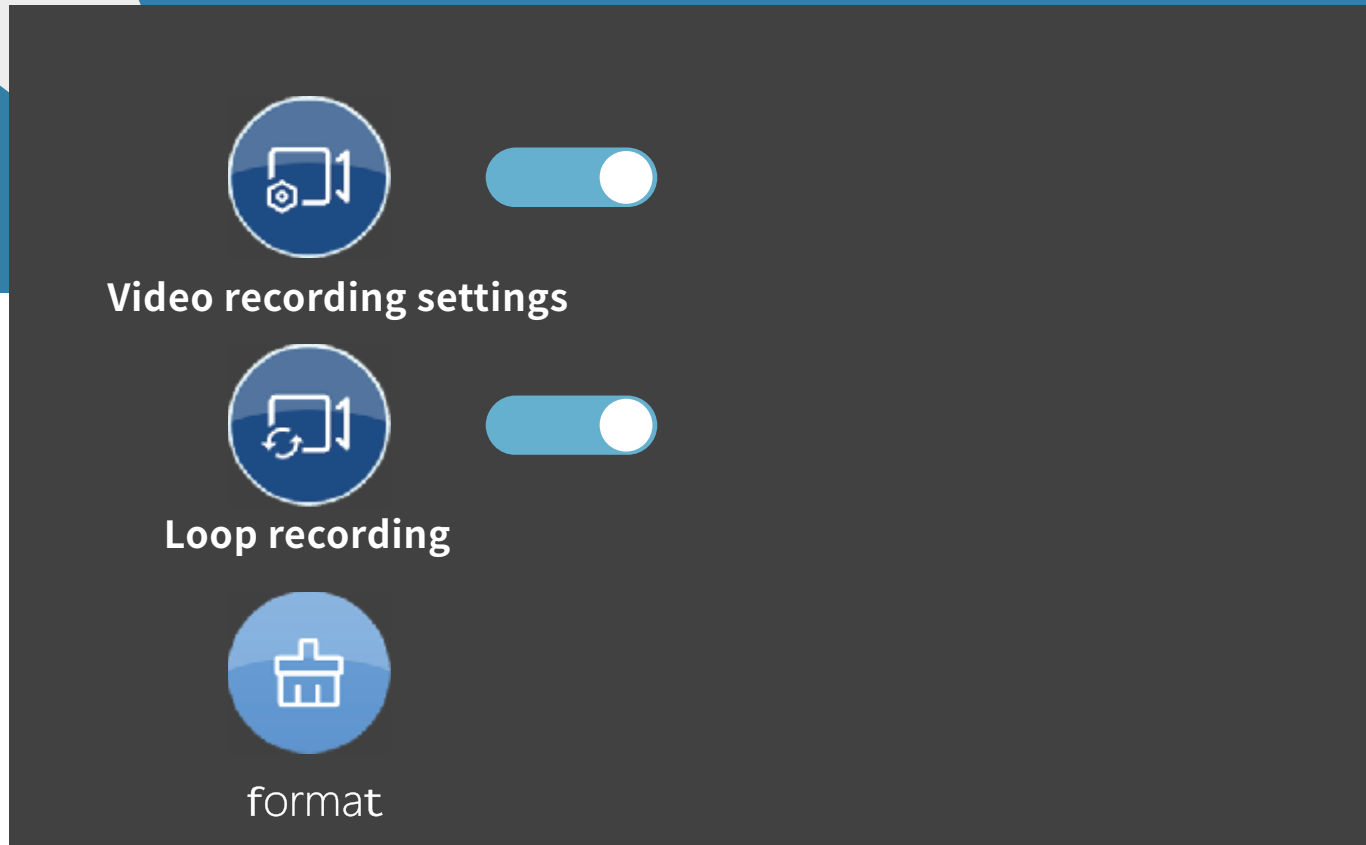CH1 CH2 CH3 CH4

00:00 ——————●———————————— 00:00

You can watch videos recorded during the driving process in the replay.

Video recording settings

Video recording settings submenu

In the submenu, you can set whether to enable recording sett ings, loop recording and formatting

Video recording settings

Loop recording

format

System settings

time setting
2024-01-05 01：32：35

English
Language settings

Factory settings

Sound
0

Trigger delay
8
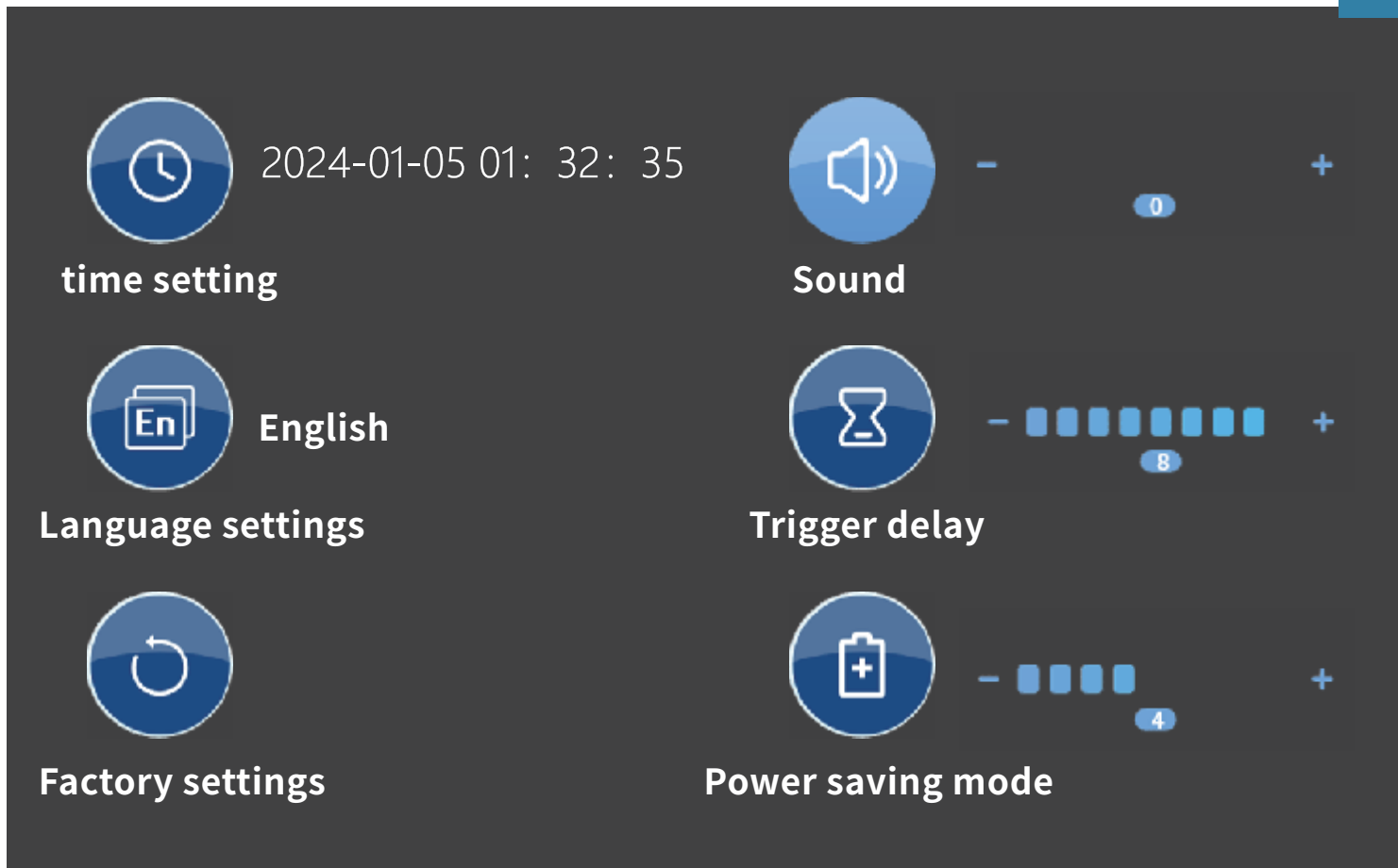
Power saving mode
4

Set submenu

In the submenu, you can set time and output Factory, sound, delay Trigger, power-saving mode.

Solar Magnetic Wireless Camera

Please read this manual carefully before using the device.
Please keep it for future reference.

Product Warranty
1 year warranty and lifetime technical support, if you encounter any problems, please contact us.

2. Vehicle compatibility
Our systems are designed to be compatible with a wide range of vehicles, including cars, pickups, small RVs, campers, vans, and trucks. However, please note that the performance of the wireless system may vary depending on the specific vehicle.

Notes:
(1) After receiving the camera, please fully charge it before use, you can use a regular mobile phone charger to charge it. USB charging input: 5V-1A/5V-500mA (Do not use anything above 5V for charging, otherwise the camera may be damaged)
(2) When fully charged, the camera can continuously look back for about 15-17 hours while driving. When the battery is depleted, it needs to be charged with a phone charger. This is because solar panels are relatively small and have relatively low charging efficiency.
(3) The camera can be detached from the stand at any time. In winter or periods of lack of sunlight, you can power the camera via a USB cable for uninterrupted functionality.

Camera button and indicator function

Radar sensor and vibration sensor switch settings

1. Press and hold the red button for 2 seconds to turn on/off the camera.

2. Press the red button 3 times in a row to enter the radar/vibration sensor setting, in the setting state, press the green light, the green light flashes to indicate that the vibration sensor is turned on, the green light flashes 2 times to indicate that the radar sensor is turned on, and the green light and green light flash at the same time to indicate that both the vibration and radar sensor are turned on.

Sleep interval settings

Press the red button 5 times to enter the sleep setting time setting in the power-on state, and identify the time length through the green light in turn, green light 1/green light 2/green light 3/green light 4 flashes in turn to indicate the time length, corresponding to 1 light for 1 minute; 2 lights for 3 minutes; 3 lights for 5 minutes; 4 lights for 10 minutes.

Camera button and indicator function

Camera features:

(1) Smart Power Saving Mode: When you don't use the camera for 30 seconds, the camera will enter the power saving mode. If you don't use the camera for a long time, it is recommended to turn off the camera to avoid battery drain.

(2) Rechargeable battery.

(3) Magnetic mount.

(4) Portable and easy to install.

Camera Specifications:

Battery Capacity	3.7V/9600mAh		Transmission Distance	Max :150 m(No obstacles
Charging Voltage	DC 5~12V		Night Vision Distance	17ft/5m
Charging Time	6H		Viewing Angle	150°
Discharging Time	7H(Daytime)		Smart lR-Cut	Support
Charging Temperature	0°CC~+40°C		Maximum Power of Solar Panel	0.8W
Discharging Temperature	-20°C~+60°C		Maximum Charging Current	81mAh
Storage Temperature	-20°C~+60C			
Waterproof Rating	IP67			

Blue LED indicator in the middle: Camera working indicator. If it is not lit, the camera is turned off; Flashing indicates that the camera is in the process of signal pairing; Constants represent working fine.

Red LED indicator on the left side: Charging indicator. The flashing red light indicates that the indicator light is always red when fully charged.

Camera mounting
1) The camera is designed with magnets that can be easily attached and mounted in any location within the vehicle of your choice.
Reminder:
1) If your car is parked outdoors for a while, we recommend that you remove the camera and store it inside the car to prevent theft.
2) The magnet part of our camera is strong, so when removing the camera from the car, use both hands and apply a little force. This precaution helps prevent accidental scratches on your car when you remove the camera.

3. Instructions for installation and use of the monitor:
Peculiarity:
It is easy to install, no need for long-distance video cables, and high-definition and stable wireless image transmission.

Notes:

(1) Display working voltage: 11V-24V,

(2) Do not connect the monitor directly to the car battery (it will drain the battery even if the vehicle is turned off), if you insist on this connection, you will need to install a switch yourself.

(3) If you are using a car cigarette lighter adapter to power the display, turn off the cigarette lighter adapter when parked.

Directions of use:

After receiving the product, the equipment must be tested before installation. Follow these steps for the easiest way to test:

(1) Plug the cigarette lighter in and turn on the red switch.

2) The reversing camera has a simple activation process. Once received, simply press and hold the camera's power button for 2 seconds to activate it. Check that the indicator light turns blue.

3) Pick up the camera and hold it close to the monitor. Go to the MENU menu of the monitor, and then pair, and after the pairing is successful, the image will be displayed, and it can be used normally.

Troubleshooting

1) When there is no image on the monitor, follow these steps to troubleshoot:

A. If the monitor shows "No Signal" after starting, check if the camera is turned on. A solid blue light on the camera indicates that it is working. If the camera's blue light does not stay on, and the 4 green LEDs do not light up, please charge the camera first. If the camera is working but there is still no image, move it closer to the display and refer to the pairing video or instructions to pair again.

B. If the monitor screen is still black, check if the voltage range supplied to the monitor is between DC 11V-24V. Then verify that the car charger is working properly. Usually, if the red light on the car charger lights up, it means that the monitor is receiving power normally. If it doesn't, the monitor may be damaged.

C) If the camera cannot be charged, please contact the after-sales service immediately.

Installation Tips
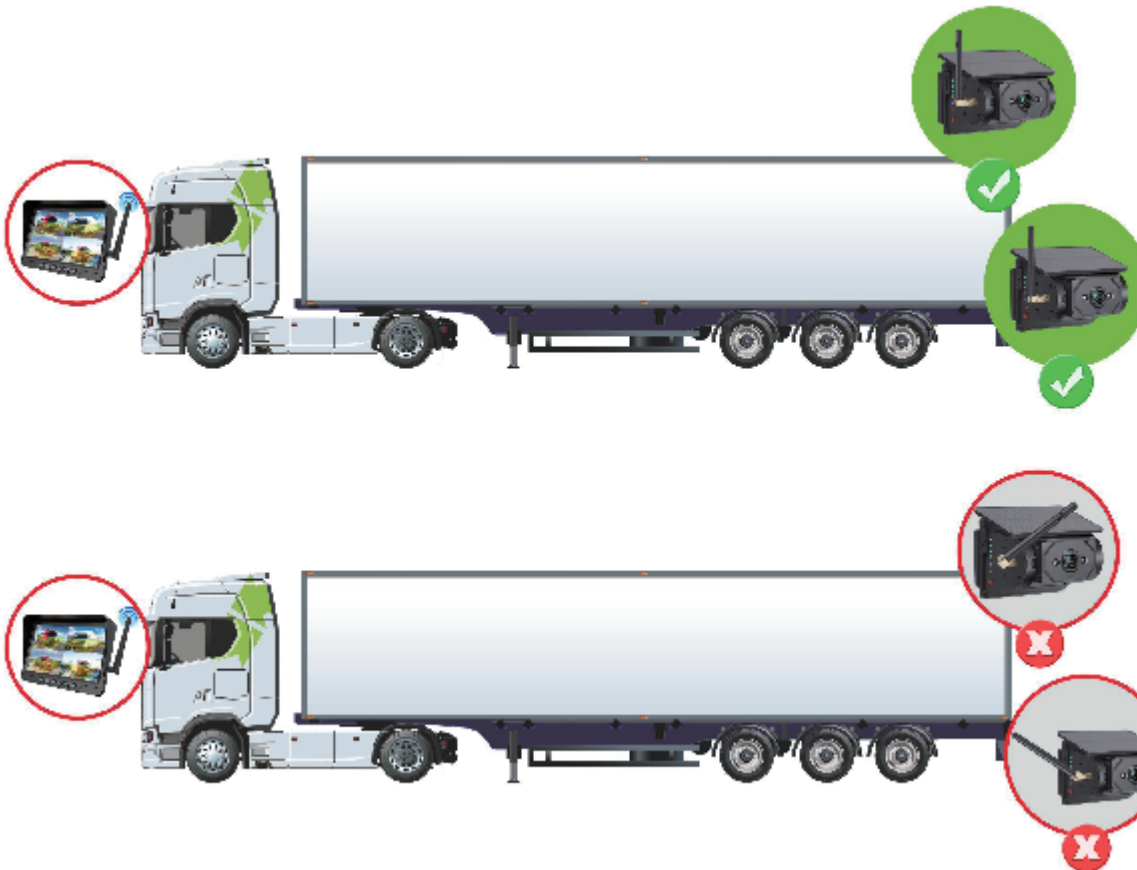
Typically, the antenna should be vertical to the ground.

Ensure there are no obstructions around the antenna (see installation diagram on the left).

[Note]
Install the camera on the upper rear part of the vehicle, not underneath, to avoid signal interference.

FCC Warning

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 inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

•Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.