Rohent

RV rear view backup camera wireless kit

Product Manual / Installation Instructions

Please read this manual thoroughly before operating the device.

Keep it for future reference.

As a brand manufacturer, we offer a 2-years warranty service. Please contact us if you meet any issues.

1. Product Certification

The system were Certificated by: CE & FCC & EMC & RoHs & Waterproof

2. Package Includes

- **1*7 inch Monitor**

- **1*Magnetic Solar Camera**

- **1*U-Bracket for Monitor**

- **1*Charging plug**

- **1*USB to Type-C Cable for Camera**

- **1*USB to DC Cable for Monitor**

- **1*Cigarette Lighter Adapter**

- **3*Antennas**

- **1* Instruction**

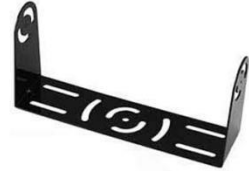- **Other accessories**

PACKAGE CONTENT

7 inch Monitor	Magnetic Solar Camera	U-Bracket for Monitor
Charging plug	USB to Type-C Cable for Camera	USB to DC Cable for Monitor
Cigarette Lighter Adapter	Antenna*3	Instruction

3. Vehicle Application

The system is suitable for RV,Trailer,Fifth Wheels,Camper,Car, Pickup Truck,Vans and Truck etc.

4. Rechargeable Camera

（1） **Please ensure to fully charge the camera upon receiving the product.** You can use the charger included in the packaging or a standard mobile phone charger (5V-2A) to power the camera. Refer to the following images for guidance on charging the camera. **When the power is plugged in, the flashing blue light indicates that the camera is currently charging.**

Safety Warning:

Micro USB Charging Input: 5V-2A (Avoid using a power source exceeding 5V to charge the camera, as it may damage the device.)

Type-C Charging interface

（2） After receiving the product, use the button to activate the camera. Even when the camera battery is completely drained, it needs to be activated after a full charge.

When the device is not in use, manually turn off the camera power to prevent unnecessary battery consumption. Please note: Every time you use the device, manually turn on the camera power for the system to function properly. After each use, remember to manually turn off the camera power to preserve battery life.

Turn on/off

(3) Upon receiving the product, conduct a simple test before installation by turning on the camera and display together. During this testing process, ensure that an image appears on the screen, indicating that the system is functioning properly and ready for installation in the vehicle. In case no image is visible during the test, it is recommended to check the wiring. If the issue persists and no image can be seen, please contact us immediately for assistance.

5. Monitor Working Voltage

Please note the power supply to the monitor has limitations.

Monitor working voltage: 11V-24V, Recommend 12V

Warning：

1) Please avoid connecting the monitor directly to the car battery, as it may consume the battery even when the vehicle is turned off. If you must connect it this way, consider installing a switch yourself.

2) If you power the monitor using the car charger adapter, please remember to turn off the cigarette lighter adapter promptly, even when the vehicle is turned off. The cigarette lighter may still be energized, and leaving it on could consume the battery.

3) If you are using the USB cable to power the monitor, be sure to unplug the USB cable, even when the vehicle is turned off. This is because it may still be energized, and leaving it connected can drain the battery.

4) Do not exceed 24V when powering on the monitor. A 12V power supply is recommended.

6. Installation Video

Please watch the YouTube video below to help you install the system.

https://youtu.be/rkAY_7XMBRE

Note: Watch out for typing errors if you are unable to open the video. If you can not locate the video we suggest either:

(1) Search for video id rkAY_7XMBRE on www.youtube.com

(2) you can scan the QR Code below with your Youtube APP or browser to watch the video

7. Wiring Connection and Testing process

After you receive the system,please test the devices before installation.

Please refer to the image below that shows the simplest way to test the system.

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

(2) The monitor can be powered via USB cable wired to car charge

Monitor

3) **The system is user-friendly, and turning it on is a straightforward process. Upon receiving your camera, just press the power button, and ensure that the indicator light turns blue.**

4) **Pick up the camera close to the monitor,the monitor appears**

image means the system is working.

When conducting the test, ensure that an image appears on the screen, indicating that the system is operating correctly and ready for installation in your vehicle. If there's no image during the test, please check the wiring. If the issue persists and you cannot see an image, contact us immediately for assistance.

8. Camera Installation

1) The camera is magnetic, providing an easy attachment and installation on any location of your choice.

2) This camera is a solar-powered camera. Please attempt to install the camera in a location within the car that receives direct sunlight, ensuring continuous operation.

3) In winter or during periods of insufficient sunlight, you can recharge the portable camera using a USB port.

Solar Magnetic Backup Camera

With its powerful magnetic base,you can easily install the magnetic backup camera whenever you need it

Warm Tips：

1) If your car is parked outdoors for an extended period, we recommend removing the camera and storing it inside the car to prevent theft.

<Also，If the camera is stolen, you can contact us to get a discount to buy a separate camera.>

2) The magnetic part of our camera is strong, so when removing it from the car, please use both hands with a bit of force. We are concerned that using one hand might scratch your car.

9. Monitor Installation

The monitor comes with a U-shaped bracket that allows you to attach the monitor to the dashboard via 3M stickers or screws. Also the monitor supports the use of suction cup mounts, please contact us if

you need one!

On dashboard / On windshield
(Not included)

11. Monitor (Touch Button)

Power Menu OK CH Left Right

1) : **Power: Turn on/off the Monitor**

2): **Menu: Touch this to enter the menu mode**

3): **OK: Touch to confirm/Select/Open and close the Recording, long press this to turn on/off the guide lines**

4): **CH: Touch to switch Channels**

5): **Left: Touch it to Minus and quickly adjust the brightness**

6): **Right: Touch it to Plus and quickly adjust the brightness**

Note: when entering the " **Menu" mode, the Up and down key only plus and minus the data in the menu.**

 OK: Long press this to turn on/off the guide lines

BACKUP LINES OPTIONS

Backup lines off   Backup lines on

: Touch them to quickly adjust the brightness

Menu: **Touch this to enter or exit menu mode**

(1) PAIRING

Note: **The signal has been paired upon receiving the backup camera**

kit, so there is no need to pair it again. Re-pairing is only necessary in

case the original camera is damaged, loses its signal, or if you need to

add a second camera to this system.

Here is pairing video link: **https://youtu.be/PF4m7Myq2Gg**

Or **Scan the Qr code through your cellphone browser, such as Google**

The following pairing shows, for example, the process of adding a second camera to the system.

Step 1: Press **CH to enter channel 2, Short press the**

"**Menu " to switch to the "Pairing" icon and press the**

"**OK" to enter pairing status.**

Step 2: Turn on the second camera power button and the indicator lights up blue.

Step 3: Image appears on the monitor, pairing is successful.

(2) PICTURE SETTING

Step 1:Touch the **Menu to enter menu mode (touch it once). In the menu, Use** **Left and** **Right button keys to switch (Touch** **Left button to select from right to left, Touch** **Right button to select from left to right).The second icon is the Picture setting.**

Step 2:Touch the **OK to confirm and enter this mode. In this mode, you can adjust some data for Brightness/Contrast/Hue with the** **buttons.**

(3) MIR-FLIP

Rotation Options (Vertical/Rear View/Front View)

Tips: The Screen Rotation Settings can only be switched when the screen is displayed in full screen separately, not in split-screen mode.

(4) Split Screen Mode

Touch the **Menu** button to enter the menu mode, touch the **OK** to confirm and enter this mode.

(In this split screen mode, you can choose one of eight split screen modes.)

This monitor supports adding 1 to 4 camera

Single full screen   Split screen   Quad screen

For example: Select a split screen of CAM1 and CAM2. Touch the **OK button to confirm. Then touch the** **Menu button to exit the menu interface. First came the single picture. You need to touch the** **CH button to switch the screen until the split screen appear.**

(The adjustment steps of the other seven split screen are the same as this mode)

(5) CAM-SETUP

This function can be used to turn off or on the selected camera in the system.

For example: Close Camera 1. First select the CAM1 icon (the CAM1 icon turns yellow). Touch the OK button to enter this CAM1 for adjustment . Then use the Right button to switch to OFF (At this time, even if the camera 1 is connected, the image will not be displayed in the CAM1 screen)

(The adjustment steps of the other camera are the same as this CAM1)

(6) SYSTEM

Touch Menu key to enter the system mode, you can adjust some data for time/language/guidelines on or off/default. You touch the and key to select one function. Then touch the OK button to enter the selected function for adjustment. The

reversing guide lines will only appear in a single screen, at the same time its reversing guide line can be turned off /on.

(7) Play

The monitor requires an inserted SD card to utilize this function. Once the SD card is inserted, recorded videos will be stored here, and you can watch the recorded videos in this location.

When you insert the SD card, there is an SD card icon in the upper right corner of the display, with a red dot on it

(8) Record

I. In this mode, you can turn on/off the Rewrite/Format the SD card/Record time setting

After enabling the rewrite function, if the memory card becomes full, the previously recorded video will be deleted automatically, and the camera will continue recording new video.

The SD card needs to be formatted when first inserted into the monitor.

II. Start or Stop the Recording

In this mode, you can view the previously saved video. But Touch and hold the OK button to start recording under signal screen or split screen normal conditions. Touch OK button again to stop recording.

9）DIY Guidelines Adjustment

This is a video link for DIY adjustment of guidelines:

https://youtu.be/ZJgXOy1LfTQ

Or **Scan the Qr code through your cellphone browser, such as Google**

Long Press and hold the " **OK**" **key to open the guidelines**

Press and hold the " **CH**" **key, it will enter the guidelines adjustment mode. Press** "**Menu**" **to exit adjustment mode.**

Long Touch on the " **CH**" **key, and you will see the icon switch to V, you will see the V icon appears on screen, then if you click on the** "" **or** "" **key, the guidelines will move to adjust the up and down, adjust the height of the guidelines**

Keep touch on the " **CH**" **key, and you will see the icon switch**

to "H", You will see the "H" icon appear on screen, Then if you click on the "⬅" key, the guidelines will move to adjust left and right

Keep touch on the "🔄CH" key, and you will see the icon switch to "M", You will see the "M" icon appear on screen, Then if you click on the "⬅" or "➡" key, the guidelines will widen, adjust the width of the guidelines

12.Monitor Film

The lower left corner of the monitor screen has a small green label, this is the monitor protective film, you can gently lift the green label, you can tear off the protective film, you can also not tear off to protect the monitor!

Protective film

13. Memory Card Installation

There is an SD card slot on the back of the monitor against the left side, you can unscrew the screws and insert the SD card into the slot to save recorded data. Support 32G-128GB SD card.

SD
Card Slot

14.IP69 Waterproof Camera

The camera is made of waterproof material IP69 waterproof

IP69 waterproof

15.Product Warranty

Two years quality warranty and life time tech support with customer

service email at the front of page. Please contact us if any issues you meet.

16.Troubleshooting

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

A.If the monitor displays 'no signal' after showing the startup screen, please check if the camera is powered on. The blue light on the camera indicates that it is working. If it is not lit, please charge the camera first. If the camera is working properly, please move it closer to the monitor and refer to the pairing video or instructions to pair it again.

B.If the monitor screen remains black, please first check if the voltage range supplied to the monitor is within DC 11V-24V. Then check if the car charger is working. In general, if the red indicator light on the car charger is always on, it means that the monitor is receiving power normally. If there is still no display, it is possible that the monitor has a malfunction.

2)If the camera fails to charge, please contact us immediately for a

replacement. We provide 2 years warranty replacement service.

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 interference 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 interference to 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

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna nr transmitter.