

Rohent
Rohent N12 RV
Rear View
Backup Camera
Wireless Kit



Rohent N12 RV Rear View Backup Camera Wireless Kit Installation Guide

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Rohent N12 RV Rear View Backup Camera Wireless Kit



Specifications

- **Product:** RV Rear View Backup Camera Wireless Kit
- **Certifications:** CE, FCC, EMC, RoHS, Waterproof
- **Warranty:** 2 Years
- **Monitor Working Voltage:** 11V-24V (Recommended 12V)

Product Usage Instructions

Rechargeable Camera

- Ensure to fully charge the camera upon receiving the product using the included charger or a standard 5V-2A mobile phone charger. The flashing blue light indicates the charging status.

- Remember to activate the camera using the button even after a full charge.
- Manually turn off the camera power when not in use to save battery. Turn on the camera power before each use for proper functionality.
- Conduct a simple test before installation by turning on the camera and display together to ensure the system functions correctly.

Monitor Installation:

- The monitor has a working voltage of 11V-24V. Use a USB cable connected to a car charger for power. Do not rely on the car's USB port for sufficient power.

Installation Video

- Watch the provided YouTube video for installation guidance. If unable to access it, search for video ID rkAY_7XMBRE on YouTube or scan the QR code provided.

Wiring Connection and Testing

- Test the devices before installation. Plug in the cigarette lighter and turn on the red switch. Power the monitor using a USB cable connected to a car charger.
- Press the power button on the camera to activate it, ensuring the indicator light turns blue.

Frequently Asked Questions

Q: What vehicles is the system suitable for?

A: The system is suitable for RVs, Trailers, Fifth Wheels, Campers, Cars, Pickup Trucks, Vans, and Trucks.

Q: How can I charge the camera?

A: Charge the camera using the included charger or a standard 5V-2A mobile phone charger. Ensure it is fully charged before use.

Q: What should I do if no image appears during testing?

A: Check the wiring during testing. If no image appears, contact customer support for assistance immediately.

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

Product Certification

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



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

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

Vehicle Application

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



Rechargeable Camera

- 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.)



- 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.



- 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.

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.

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



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 a USB cable wired to the car charge



Tips: Connect the USB cable to the USB port of the car charger (the car's USB current does not have 1.5A, which is not enough for the monitor to work).

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.

Camera Installation

1. The camera is magnetic, providing an easy attachment and installation in any location of your choice.
2. This camera is solar-powered. 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.







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!



Monitor Touch Button



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 guidelines
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 keys only plus and minus the data in the menu.
-  **OK:** Long press this to turn on/off the guidelines

BACKUP LINES OPTIONS



Touch them to quickly adjust the brightness






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

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, or loses its signal, or if you need to add a second camera to this system.
- Here is the 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:** The image appears on the monitor, and pairing is successful.




PICTURE SETTING

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



2. **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.





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.

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



- **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 appears.




- The adjustment steps of the other seven split screens are the same as in this mode.





CAM-SETUP

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



- Please confirm that all cameras are on before use
- **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.

SYSTEM

- Touch  the Menu key to enter the system mode, you can adjust some data for time/language/guidelines on or off/default.
- You touch  the  key to select one function. Then touch the  OK button to enter the selected function for adjustment. The reversing guidelines will only appear on a single screen, at the same time its reversing guideline can be turned off /on.



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





Record

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



2. Start or Stop the Recording







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





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, and 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 appear on the screen, and 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 the 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 the screen, Then if you click on the  or  key, the guidelines will widen, adjust the width of the guidelines



Monitor Film

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



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.



IP69 Waterproof Camera

- The camera is made of waterproof material IP69 waterproof



Product Warranty

- Two years quality warranty and lifetime tech support with customer service email at the front of the page.
Please contact us if any issues you meet.



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, the monitor may have a malfunction.
2. If the camera fails to charge, please contact us immediately for a replacement. We provide 2 years warranty replacement service.

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,
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, according 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 under the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Suppose this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on. In that case, 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 the receiver
- Connect the equipment to 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 operated 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 a minimum distance of 20cm from the radiator of your body.
This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

Documents / Resources

	<p>Rohent N12 RV Rear View Backup Camera Wireless Kit [pdf] Installation Guide N12, 2AZ9V-N12, 2AZ9VN12, N12 RV Rear View Backup Camera Wireless Kit, N12, RV Rear View Backup Camera Wireless Kit, View Backup Camera Wireless Kit, Backup Camera Wireless Kit, Camera Wireless Kit, Wireless Kit</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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