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› Wireless Backup Camera System User Manual

Yakry Y02

Wireless Backup Camera System User Manual

Model: Y02 | Brand: Yakry

PRODUCT OVERVIEW

The Yakry Y02 Wireless Backup Camera System provides enhanced visibility and safety for various vehicles, including cars, trucks, SUVs, RVs, and trailers. Featuring a magnetic camera for easy installation, a 5-inch HD monitor, solar charging capabilities, and advanced night vision, this system is designed for reliable performance in diverse conditions.



Image: The complete Yakry Y02 Wireless Backup Camera System, showing the 5-inch monitor and the magnetic camera unit with its solar panel.

SAFETY INFORMATION

- Always ensure the camera is securely attached to a metal surface before driving.
- Do not obstruct your view of the road with the monitor. Mount it in a safe, visible location.
- The backup camera is an aid and should not replace direct observation and careful driving. Always check your surroundings manually before reversing.
- Keep magnets away from sensitive electronic devices, credit cards, and pacemakers.
- Ensure all cables are routed safely and do not interfere with vehicle controls.

WHAT'S IN THE BOX

- 1x 5-Inch Monitor
- 1x Backup Camera

- 1x Cigarette Lighter Adapter and Charging Plug
- 2x USB Power Cables
- 3x Antennas
- User Manual (this document)

SETUP INSTRUCTIONS

1. Camera Installation

The camera features a strong magnetic base for quick and easy attachment to any metal surface on your vehicle. For non-metal surfaces, a metal bracket (not included) can be used.

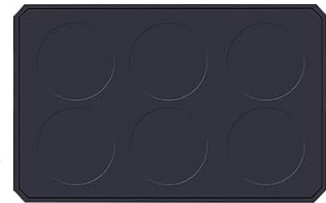
1. Identify a suitable metal surface at the rear of your vehicle (e.g., tailgate, bumper, hitch receiver). Ensure the surface is clean and free of debris.
2. Attach the camera firmly to the chosen metal surface. The magnetic base is designed with soft rubber to protect your vehicle's paint.
3. Adjust the camera angle as needed to achieve the desired rear view. The camera offers a 150° wide angle and can be adjusted up and down by 90°.

1 Minutes Easy Installation Plug and Play

The magnetic surface is made of **soft rubber** to protect the metal surface of the vehicle.



Attach the super magnetic camera to the metal surface of the **vehicle**



Monitor is powered by car charger adapter or USB cable



Image: Step-by-step guide showing how to attach the magnetic camera to a vehicle's metal surface.

Strong Magnetic Installation

► Strong magnetism, never fall off, soft rubber protects vehicle surface

► Portable, built-in 15000mAh rechargeable battery



Super long standby time



15000 mAh large battery



USB charging



Solar powered



Image: Illustration demonstrating the strong magnetic attachment of the camera to a vehicle, highlighting the protective soft rubber base.

2. Monitor Mounting

The 5-inch HD monitor can be mounted on your dashboard or windshield for optimal viewing.

1. Attach the suction cup mount to the back of the monitor.
2. Choose a mounting location on your dashboard or windshield that provides a clear view without obstructing your driving.
3. Press the suction cup firmly onto the chosen surface and engage the locking mechanism to secure it.
4. Adjust the monitor angle for best visibility.



Image: The 5-inch monitor securely mounted on a vehicle's dashboard, showing a clear view of the road ahead.



Image: The 5-inch monitor securely mounted on a vehicle's windshield, providing an elevated view.

3. Powering the Monitor

The monitor can be powered via the included USB cable or the car charger adapter.

- **USB Powered:** Connect one of the USB power cables to the monitor and plug the other end into a USB port in your vehicle.
- **Car Charger Powered:** Connect the car charger adapter to the monitor and plug it into your vehicle's cigarette lighter socket.

Your browser does not support the video tag.

Video: Demonstrates the quick and easy installation process for both the camera and the monitor, including power connection options.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the power button on the monitor to turn the system on or off. When the monitor is powered off normally, the camera will automatically turn off with the monitor to conserve battery.

2. Viewing Modes

The monitor supports both full-screen and split-screen display modes. This allows for monitoring a single camera or two cameras simultaneously if a second camera is added.

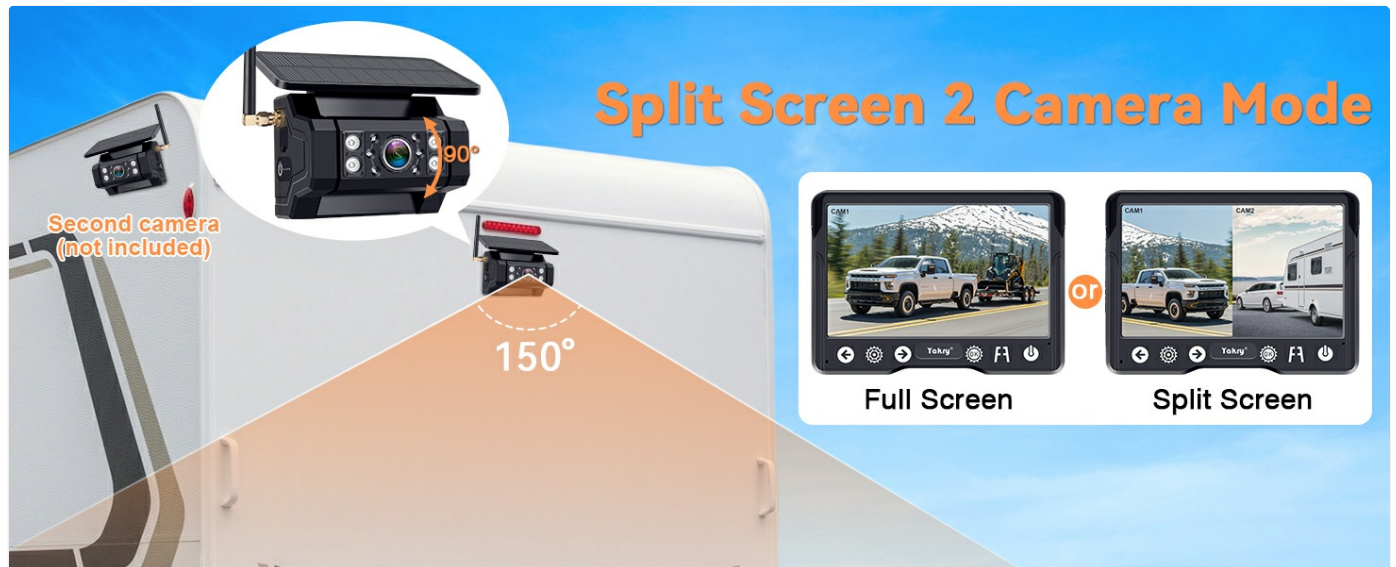


Image: Demonstrates the monitor's capability to display in full-screen mode for a single camera or split-screen mode for two cameras.

3. Adjusting Guide Lines

The parking assist guide lines can be adjusted directly on the monitor to suit your vehicle and parking preferences.

- Access the settings menu on the monitor.
- Navigate to the guide line adjustment options.
- You can turn the guide lines on/off, adjust their width, and move them up/down to align with your vehicle's dimensions.

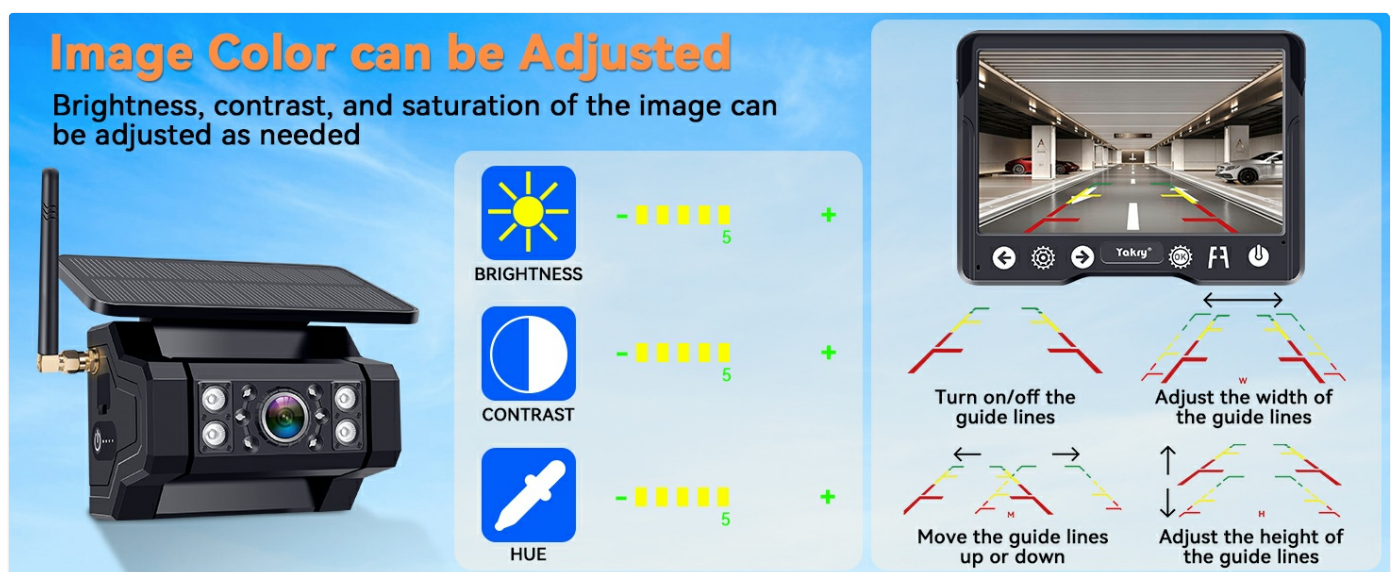


Image: Shows the monitor interface for adjusting image brightness, contrast, hue, and customizing parking guide lines (on/off, width, height).

4. Night Vision

The camera is equipped with advanced night vision technology to provide clear visibility in low-light conditions, enhancing safety during nighttime driving and reversing.

High Refresh Rate Clear Images



Image: Comparison of the camera's 1080P daytime image clarity versus its clear night vision capabilities.

5. Wireless Working Distance

The system utilizes the latest wireless frequency hopping technology to ensure a stable digital signal with minimal delay, offering a working distance of up to 36 feet. This makes it suitable for larger vehicles and trailers.



Image: Illustrates the 36-foot wireless working distance between the camera and the monitor, suitable for various vehicle types including those with trailers.

MAINTENANCE

1. Cleaning

Wipe the camera lens and monitor screen with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could scratch the surfaces.

2. Battery Care

The camera features a built-in 15000mAh rechargeable battery that can be charged via its integrated solar panel or a USB cable. A full charge can last for approximately 25 hours of continuous use.

- Ensure the solar panel is exposed to direct sunlight for efficient charging.
- For faster charging or when sunlight is limited, use the provided USB cable to charge the camera.
- The system includes an energy-saving mode where the camera automatically turns off when the monitor is off.

Upgraded 15000mAh

Ultra-large Capacity Battery



Working 25H+



Long Battery Life

5W Large Solar Panel

Charging efficiency increased by 200%



5W Solar Panel



High Conversion



Contact us for one additional higher power solar panels if you need it.

Image: Details the 15000mAh ultra-large capacity battery and the 5W large solar panel, highlighting USB charging and high conversion efficiency.

3. All-Weather Reliability

The camera is designed with an IP69 waterproof rating, making it resistant to rain, snow, and dust. It can operate reliably in various weather conditions and temperatures ranging from -4°F to 179°F.

Perfect for All kinds of Weather

Hi, I'm specially designed to withstand all types of weather



Image: Illustrates the camera's durability and resistance to various weather conditions, including rain, extreme temperatures, and dust.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on monitor	Monitor not powered on. Camera battery low or off. Interference or signal loss. Camera and monitor unpaired.	Ensure monitor is powered on and connected. Check camera battery level; charge via solar or USB. Relocate camera/monitor to reduce interference. Re-pair the camera and monitor (refer to pairing instructions in the full manual or video).
Image flickering or poor quality	Weak signal due to distance or obstructions. Electromagnetic interference. Dirty camera lens.	Ensure camera and monitor are within 36ft range. Avoid placing near other wireless devices. Clean the camera lens.
Guide lines incorrect	Not calibrated for your vehicle.	Adjust guide lines via the monitor settings (refer to "Adjusting Guide Lines" section).

SPECIFICATIONS

- **Model Number:** Y02
- **Screen Size:** 5 Inches
- **Display Technology:** LED
- **Video Capture Resolution:** 1080p
- **Optical Sensor Technology:** CMOS
- **Lens Type:** Wide Angle (150°)
- **Camera Adjustment:** Up/Down 90°
- **Power Source:** Solar / USB (Camera), USB / Car Charger (Monitor)
- **Camera Battery Capacity:** 15000mAh (approx. 25 hours working time)
- **Waterproof Rating:** IP69

- **Operating Temperature:** -4°F to 179°F
- **Wireless Working Distance:** Up to 36 feet
- **Product Dimensions:** 5.2 x 0.8 x 3.9 inches
- **Item Weight:** 2.6 pounds
- **Compatible Devices:** Car, SUV, Pickup, Truck, Van, Trailer, Camper, RV



Image: Illustrates the wide range of vehicles compatible with the system, including cars, SUVs, pickups, trucks, vans, small RVs, and trailers.

WARRANTY AND SUPPORT

This product comes with a 2-year warranty. For technical support, troubleshooting assistance, or warranty claims, please contact Yakry customer service. Refer to the contact information provided with your product packaging or visit the official Yakry website. You can also visit the [Yakry Store on Amazon](#) for more information and support resources.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Where is the reset button on the Yakry Y02 Wireless Backup Camera System, and how can I fix it if it tries to turn on then stops?

Based on the manual for the Yakry Y02 Wireless Backup Camera System, there is no dedicated physical "reset" button mentioned. However, the behavior you are describing (the device trying to turn on and then...

[Read full answer](#)

How do I adjust the depth of field or camera angle on the Yakry Y02 Wireless Backup Camera System?

The Yakry Y02 Wireless Backup Camera System does not have a digital "depth of field" setting in the software; however, you can adjust the physical viewing angle and the on-screen parking guide lines to...

[Read full answer](#)