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VEKOOTO WX9

VEKOOTO WX9 4K Wireless Backup Camera System

USER MANUAL

1. Introduction

Thank you for choosing the VEKOOTO WX9 4K Wireless Backup Camera System. This system is designed to enhance your driving safety by providing clear, real-time views around your vehicle. Featuring a 9-inch HD quad-split monitor and 1080P waterproof cameras with digital wireless signal, it is ideal for RVs, trucks, trailers, and campers. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

2. Package Contents

Please verify that all components listed below are included in your package. If any items are missing or damaged, contact customer support.



9-inch Monitor



Side Camera *2



Front & Rear Camera *2



Antenna *5



Installation Kit



Sun Visor



U-Shaped Bracket



Suction Cup Bracket



32GB SD Card



Car Charger



Power Cable *5



Pigtail Wire



Furrian Bracket

Image: A visual representation of all components included in the VEKOOTO WX9 4K Wireless Backup Camera System package. This includes the 9-inch monitor, two side cameras, two front/rear cameras, five antennas, an installation kit, a sun visor, a U-shaped bracket, a suction cup bracket, a 32GB SD card, a car charger, five power cables, a pigtail wire, and a Furrian bracket.

- 9-inch Monitor (x1)
- Side Camera (x2)
- Front & Rear Camera (x2)
- Antenna (x5)
- Installation Kit (x1)
- Sun Visor (x1)
- U-Shaped Bracket (x1)
- Suction Cup Bracket (x1)
- 32GB SD Card (x1)
- Car Charger (x1)
- Power Cable (x5)
- Pigtail Wire (x1)
- Furrian Bracket (x1)

3. Product Features

- **4K Wireless System:** Provides high-definition video transmission for clear images.
- **9-inch HD Quad Split Monitor:** Allows simultaneous viewing of up to four camera feeds.
- **1080P Side & Rear View Cameras:** High-resolution cameras for detailed views.
- **Loop Recording Function:** Continuously records footage, overwriting older files automatically.
- **IP69 Waterproof & IR Night Vision:** Ensures reliable performance in various weather conditions and low-light environments.
- **2.4GHz Anti-interference Digital Signal:** Provides a stable and reliable wireless connection up to 328ft.



Image: The VEKOOTO WX9 system showing the 9-inch monitor displaying a quad-split view from four cameras, along with the four wireless cameras. This illustrates the comprehensive coverage provided by the system for various vehicles like RVs, trucks, and buses.

4 Channels Wireless Camera System

4-camera wireless system for 360° coverage with no blind spots around your vehicle.



Image: A diagram illustrating the 4-channel wireless camera system providing 360-degree coverage around a vehicle towing a trailer. It shows the placement of cameras for left side, right side, rear, and towing/front views, all connected to the central monitor.

2.4GHz Anti-interference Digital Wireless Signal

Enjoy a stable connection with our 2.4GHz anti-interference signal, ensuring clear and reliable monitoring for your vehicle.



Truck



Bus



Camper



Pickup



RV



Trailer



Image: This image highlights the 2.4GHz anti-interference digital wireless signal, showing a stable connection between the monitor and cameras over a signal range of 328ft. It also indicates compatibility with various vehicles such as trucks, buses, campers, pickups, RVs, and trailers.

1080P HD 9" Monitor

The 1080P HD 9" monitor provides sharp, clear images and comes with a sunshade to reduce glare for a better viewing experience.



Image: A close-up of the 1080P HD 9-inch monitor, featuring a sunshade to reduce glare. The screen displays a clear road view, emphasizing the sharp image quality and improved visibility.

Loop Recording & Playback

Loop Record:

Loop Record automatically overwrites the oldest footage, ensuring continuous recording without interruption.



Playback:

Playback feature lets you review footage from all 4 cameras, providing a comprehensive view of recordings from multiple angles.



Image: This image demonstrates the loop recording and playback features. The top panel shows the monitor recording, with text explaining that loop record overwrites old footage. The bottom panel shows the monitor in playback mode, indicating the ability to review footage from all four cameras.

IP69 Waterproof & IR Night Vision

IP69 waterproof rating and IR night vision ensure reliable performance in all weather conditions and low-light environments.



Image: This image illustrates the IP69 waterproof rating and IR night vision capabilities. The top section shows a split view of a vehicle in daylight and nighttime, demonstrating clear visibility in both conditions. The bottom section shows the cameras being splashed with water, highlighting their waterproof design.

4. Setup & Installation

4.1 Monitor Installation

- Choose Location:** Select a suitable location on your dashboard or windshield that does not obstruct your view or interfere with airbags.
- Attach Bracket:** Secure the U-shaped bracket or suction cup bracket to the monitor.
- Mount Monitor:** Mount the monitor securely using the chosen bracket. Ensure it is stable and adjustable for optimal viewing angle.
- Connect Power:** Plug the car charger into your vehicle's cigarette lighter socket and connect it to the monitor's power input.
- Attach Antenna:** Screw one of the provided antennas onto the monitor's antenna port.

4.2 Camera Installation

The system includes two side cameras and two front/rear cameras. Determine the best placement for each

camera based on your vehicle type and desired viewing angles.

1. **Side Cameras:** Mount one side camera on each side of your vehicle, typically near the mirrors or along the side panels, to cover blind spots.
2. **Rear Camera:** Mount one camera at the rear of your vehicle (e.g., license plate area, bumper, or roof) for backup assistance. The Furrion bracket can be used for RVs with pre-wired Furrion mounts.
3. **Front/Towing Camera:** The remaining camera can be used for a front view or to monitor a towed vehicle/trailer.
4. **Secure Mounting:** Use the provided installation kit (screws, brackets) to securely attach each camera. Ensure the camera lens is clean and unobstructed.
5. **Connect Power:** Connect each camera to a 12-24V DC power source. This can be done by tapping into reverse lights (for rear camera), running lights, or a dedicated power supply. Ensure proper wiring to avoid short circuits.
6. **Attach Antennas:** Screw an antenna onto each camera's antenna port.

Note: For optimal wireless signal, ensure antennas are securely attached and positioned for minimal obstruction. Test the system before finalizing all wiring and mounting.

5. Operating Instructions

5.1 Monitor Controls

The monitor features several buttons for navigation and control:

- **MENU:** Access the main menu for settings adjustments.
- -: Decrease value or navigate left/down in menus.
- +: Increase value or navigate right/up in menus.
- **Power Button:** Turn the monitor on/off.
- **MODE:** Cycle through different display modes (single camera, dual split, quad split).
- **SYS:** System settings or pairing function.
- **AV:** Switch between video inputs (if applicable).

5.2 Basic Operation

1. **Power On:** Once connected to power, the monitor should automatically turn on when the vehicle ignition is on. Press the Power button if it does not.
2. **Camera Pairing:** The cameras are typically pre-paired. If a camera does not display, go to the SYS menu and follow the instructions to pair the specific camera channel.
3. **Viewing Modes:** Press the **MODE** button to cycle through single camera views, dual-split views, and quad-split views.
4. **Recording:** The system automatically begins loop recording to the inserted 32GB SD card once powered on. Ensure the SD card is properly inserted.
5. **Playback:** Access the playback function through the **MENU** to review recorded footage. Use the + and - buttons to navigate through recordings.
6. **Settings Adjustment:** Use the **MENU** button to adjust brightness, contrast, color, mirror/flip image, recording settings, and other system preferences.

6. Maintenance

- **Cleaning:** Regularly clean the monitor screen and camera lenses with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Cable Inspection:** Periodically check all power cables and connections for wear, damage, or loose contacts.
- **Antenna Check:** Ensure all antennas are securely fastened to both the monitor and cameras for optimal signal strength.
- **SD Card Management:** Format the SD card periodically (e.g., monthly) through the monitor's menu to maintain optimal recording performance and prevent data corruption.
- **Storage:** If storing the vehicle for an extended period, consider disconnecting the system or removing the monitor to protect it from extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution
No image on monitor	<ul style="list-style-type: none"> ◦ Monitor not powered on. ◦ Camera not powered. ◦ Poor wireless signal. ◦ Camera not paired. 	<ul style="list-style-type: none"> ◦ Check power connection to monitor and press power button. ◦ Verify camera power connections. ◦ Ensure antennas are secure; reposition cameras/monitor for better signal. ◦ Re-pair camera via SYS menu.
Flickering or distorted image	<ul style="list-style-type: none"> ◦ Weak wireless signal. ◦ Interference from other devices. 	<ul style="list-style-type: none"> ◦ Check antenna connections; move monitor/cameras closer. ◦ Avoid placing near strong electromagnetic sources.
Recording not working	<ul style="list-style-type: none"> ◦ SD card not inserted or full. ◦ SD card corrupted. 	<ul style="list-style-type: none"> ◦ Ensure SD card is properly inserted. Format or replace SD card. ◦ Format SD card via monitor menu.
Night vision unclear	<ul style="list-style-type: none"> ◦ Camera lens dirty. ◦ IR LEDs obstructed. 	<ul style="list-style-type: none"> ◦ Clean camera lens. ◦ Ensure nothing is blocking the IR LEDs on the camera.

8. Specifications

Feature	Detail
Model Number	WX9
Monitor Screen Size	9 Inches

Feature	Detail
Display Technology	LED
Camera Resolution	1080P
Optical Sensor Technology	Infrared CCD CMOS
Lens Type	Wide Angle
Real Angle of View	120 Degrees
Connector Type	Wireless (2.4GHz Digital Signal)
Waterproof Rating	IP69
Recording	Loop Recording (supports 32GB SD card)
Power Input	12-24V DC
Product Dimensions	10 x 2 x 7 inches (Monitor)
Item Weight	6.69 pounds (Total System)

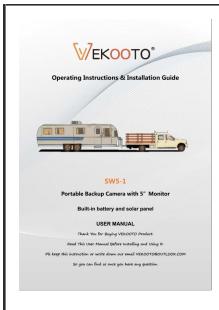
9. Warranty & Support

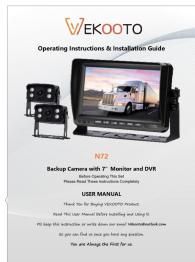
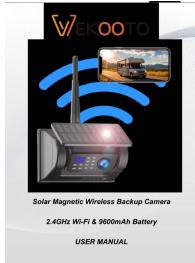
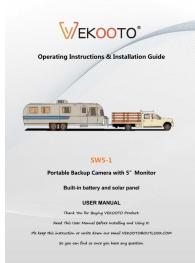
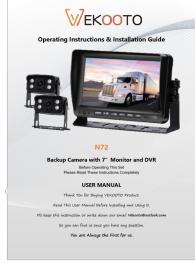
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Please retain your proof of purchase for warranty claims.

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Related Documents - WX9

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