

## VEKOOTO WF8

# VEKOOTO WF8 RV Backup Camera System User Manual

Model: WF8

## 1. INTRODUCTION

Thank you for choosing the VEKOOTO WF8 RV Backup Camera System. This system is designed to enhance your driving and parking safety for RVs, trailers, and trucks by providing clear rear and side views. It features wireless connectivity, HD 1080P display, night vision, and a Blind Spot Detection (BSD) system. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.



Image 1.1: Overview of the VEKOOTO WF8 RV Backup Camera System components, including the 7-inch monitor and two wireless cameras.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1x 7-inch Monitor
- 1x Car Charger
- 1x U-Bracket
- 1x Suction Cup Bracket
- 1x Compatible Furrion Adapter & Pigtail Wire
- 2x Wireless Backup Cameras
- 2x Camera Power Cables
- 4x Antennas
- 1x User Manual
- Accessories (screws, etc.)

# Package List



Monitor



Camera x2



U-shaped  
bracket & sticker



Suction Cup Bracket



Camera  
Power Cable x2



Car charger



Pigtail wire



Antennas x4



Furrion adapter



Accessories



User Manual

Image 2.1: Visual representation of all items included in the VEKOOTO WF8 product package.

## 3. PRODUCT FEATURES

- **Furrion Pre-wired Compatibility:** Designed for quick installation on Furrion pre-wired vehicles using the included adapter and tail wire plug.
- **Enhanced Dual-Antenna Signal:** Features upgraded dual antennas and advanced digital signals for improved stability and durability, offering a reliable connection up to 328 feet in open areas and 150 feet for vehicles.
- **1080P HD Monitor with Multi-View:** The 7-inch 1080P HD monitor supports up to 4 cameras, allowing for full-screen, split-screen, or quad-screen displays to eliminate blind spots.
- **BSD Intelligent Reminder System:** Built-in Blind Spot Detection provides audio and visual alerts when persons are detected nearby, enhancing driving safety.
- **Continuous Recording:** Supports continuous recording for both reversing and driving, providing an additional layer of security.
- **Night Vision & IP69 Waterproof:** Equipped with intelligent i-cut modules for automatic night vision

activation and IP69 waterproof cameras for all-weather reliability.

- **170° Wide-Angle Lens:** Provides a broad field of view for improved visibility during parking and reversing.
- **Adjustable Guidelines:** On-screen guidelines can be adjusted for width and height to suit specific vehicle dimensions.

## 4. SAFETY INFORMATION

---

Please observe the following safety precautions:

- Always ensure the system is installed securely and all connections are tight.
- Do not attempt to disassemble or modify the product.
- Keep the monitor and cameras clear of obstructions.
- This system is an aid and should not replace careful driving and observation.
- Ensure the power supply matches the product's voltage requirements (12V DC).

## 5. SETUP AND INSTALLATION

---

### 5.1 General Installation

1. **Camera Installation:** Mount the wireless backup cameras at the rear of your vehicle or trailer. Connect the camera power cable to a 12V DC power source, typically the vehicle's marker lights, running lights, or tail lights. Ensure a good ground connection.
2. **Monitor Installation:** Attach the 7-inch monitor to your dashboard using either the U-bracket or the suction cup bracket.
3. **Monitor Power:** Connect the monitor to the vehicle's cigarette lighter socket using the provided car charger.
4. **Antenna Connection:** Screw the antennas onto both the cameras and the monitor for optimal signal transmission.

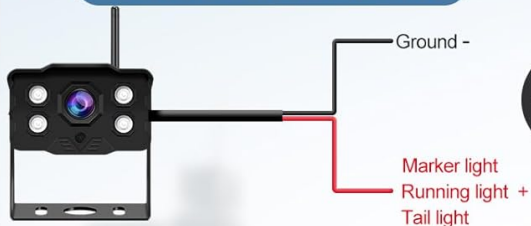
### 5.2 Furrion Pre-wired Installation

For vehicles with Furrion pre-wiring, the installation process is simplified:

1. Locate the existing Furrion pre-wired camera housing on your RV or trailer.
2. Use the included Furrion adapter and pigtail wire to connect the VEKOOTO camera directly to the Furrion wiring. This eliminates the need for separate camera power wiring.
3. Proceed with monitor installation as described in Section 5.1.

# 30 Mins DIY

## General installation



## Furrion installation



WF8 system include the furrion adapter and pigtail wire.

## Turn on/off



Image 5.1: Installation guide showing both general wiring and simplified Furrion pre-wired setup for the camera system.

## 6. OPERATING INSTRUCTIONS

### 6.1 Monitor Functions

The 7-inch monitor features touch keys for easy operation:

- **POWER:** Press to turn the monitor on/off.
- **CH (Channel):** Switch between connected cameras (up to 4 channels supported).
- **M (Menu):** Access the monitor's settings menu.
- **+ / -:** Navigate menu options or adjust settings (e.g., brightness, contrast).
- **OK:** Confirm selection in the menu.



# HD 1080P 7" Monitor & Loop Recording



Full Screen



Split Screen



Quad Screen

Image 6.1: The 7-inch monitor interface, demonstrating its HD 1080P display, loop recording capability, and options for full, split, or quad-screen views.

## 6.2 Display Modes

The monitor supports various display configurations:

- **Full Screen:** Displays a single camera view.
- **Split Screen:** Displays two camera views simultaneously.
- **Quad Screen:** Displays up to four camera views simultaneously (requires additional cameras, not included).

# Support Add Up 4 Cameras



Side Camera  
Not include



Split Screen



Quad Screen



Image 6.2: Illustration of the multi-camera support, showing split-screen and quad-screen display options on the monitor.

## 6.3 Blind Spot Detection (BSD) System

The integrated BSD system actively monitors for persons in your blind spots. When a person is detected, the monitor will provide both an audible beep and a visual alert on the screen to remind the driver, enhancing safety during maneuvers.

# Blind Spot Detection (BSD)

BSD intelligent system, when the camera detects that persons are too close, the monitor will beep to remind the driver.



Front Camera



Rear Camera



Left Camera



Right Camera



Image 6.3: Visual representation of the BSD system in action, showing detection zones for various camera positions.

## 6.4 Night Vision and Guidelines

The cameras are equipped with an intelligent i-cut module that automatically switches to night vision mode in low-light conditions, providing clear visibility. The 170° wide-angle lens ensures a broad view. You can also adjust the on-screen parking guidelines (width and height) via the monitor's menu to match your vehicle's dimensions and preferences.





Infrared Light

## Clear Night Vision

The intelligent i-cut module automatically switches to night vision mode according to the ambient light.



HD 1080P Image



7-inch Monitor



Touch Button



Record Function

Image 6.4: The monitor showcasing clear night vision capabilities, activated by infrared light in low-light environments.

# Guidelines & Waterproof & 170° Wide Viewing

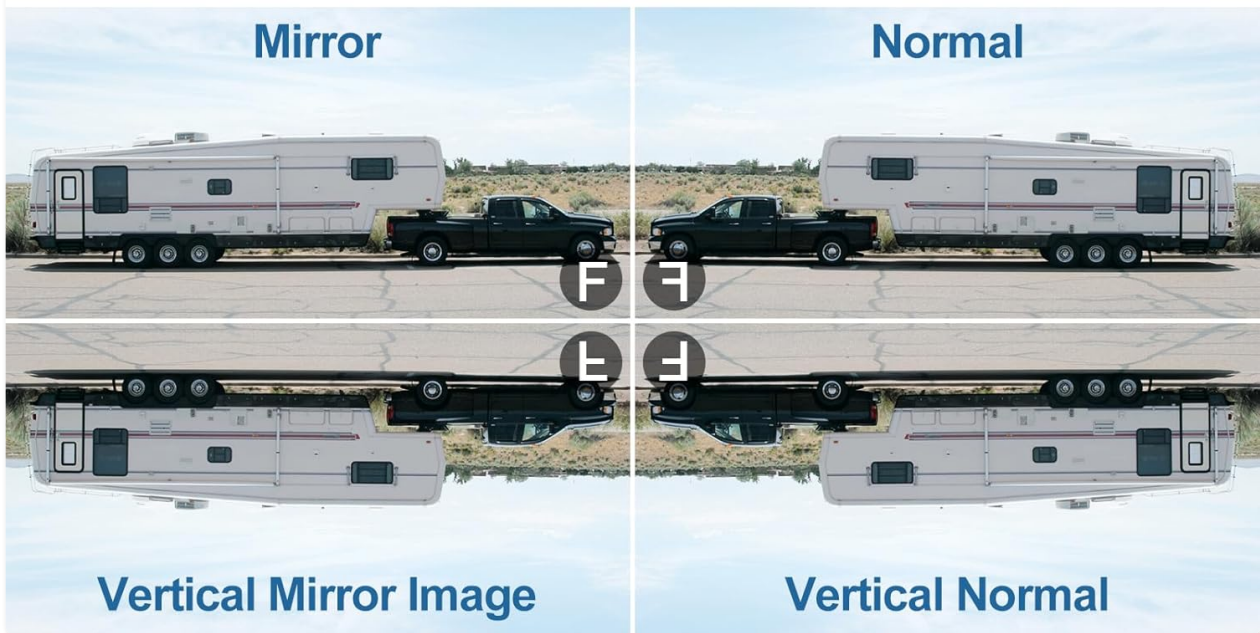


Image 6.5: Illustration of adjustable parking guidelines on the monitor and the waterproof design of the camera.

## 7. TROUBLESHOOTING

If you encounter issues with your VEKOOTO WF8 system, please refer to the following common problems and solutions:

- **No Image on Monitor:**

- Ensure the monitor is powered on and the car charger is securely connected.
- Check if the cameras are receiving power and their power cables are properly connected.
- Verify that the antennas are securely attached to both the cameras and the monitor.
- Confirm that the monitor is set to the correct channel for the active camera.

- **Poor Signal/Interference:**

- Ensure there are no large metal objects or other electronic devices blocking the signal path between the camera and monitor.
- Reposition antennas for better reception.
- Check for strong electromagnetic interference sources nearby.

- **Image is Upside Down/Mirrored:**

- Access the monitor's menu settings to adjust image orientation (mirror/normal, flip vertical/horizontal).

- **BSD System Not Alerting:**

- Ensure the BSD feature is enabled in the monitor settings.
- Check that the camera lens is clean and unobstructed.

If problems persist, please contact VEKOOTO customer support for assistance.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	WF8
Screen Size	7 Inches
Video Resolution	1080P HD
Wireless Range (Open Area)	Up to 328 feet
Wireless Range (Vehicle)	Up to 150 feet
Camera Viewing Angle	170°
Waterproof Rating	IP69
Voltage	12 Volts (DC)
Product Dimensions (Monitor)	7.3"L x 2"W x 5.5"H
Item Weight	4.18 pounds (total package)
Other Features	BSD System, Night Vision, Loop Recording, Furrion Pre-wired Compatible

## 9. MAINTENANCE

To ensure the longevity and optimal performance of your VEKOOTO WF8 system, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lenses and monitor screen with a soft, damp cloth. Avoid abrasive cleaners.
- **Connections:** Periodically check all power and antenna connections to ensure they are secure and free from corrosion.
- **Cable Inspection:** Inspect power cables for any signs of wear or damage. Replace if necessary.
- **Storage:** If storing the vehicle for an extended period, consider disconnecting the system to prevent battery drain.

## 10. WARRANTY AND SUPPORT



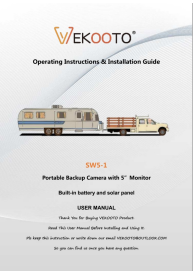

VEKOOTO provides a **2-year replacement service** for any defects or issues (excluding intentional damage)

with your WF8 RV Backup Camera System. Additionally, **lifetime technical support** is available to assist you with any questions or concerns you may have.

For warranty claims or technical assistance, please contact VEKOOTO customer support through the retailer where you purchased the product or visit the official VEKOOTO website for contact information.

© 2024 VEKOOTO. All rights reserved.

Related Documents - WF8

	<p><a href="#">VEKOOTO N72 Backup Camera System with 7" Monitor and DVR - User Manual &amp; Installation Guide</a></p> <p>Comprehensive operating instructions and installation guide for the VEKOOTO N72 backup camera system, featuring a 7" monitor and DVR. Learn about wiring, setup, functions, and troubleshooting.</p>
	<p><a href="#">VEKOOTO Solar Magnetic Wireless Backup Camera User Manual</a></p> <p>User manual for the VEKOOTO Solar Magnetic Wireless Backup Camera, featuring 2.4GHz Wi-Fi and a 9600mAh battery. Includes setup instructions, technical specifications, and troubleshooting tips.</p>
	<p><a href="#">VEKOOTO SW5-1 Portable Backup Camera with 5" Monitor - Operating Instructions &amp; Installation Guide</a></p> <p>Comprehensive operating instructions and installation guide for the VEKOOTO SW5-1 portable backup camera system, featuring a 5-inch monitor, built-in battery, and solar panel. Includes specifications, package contents, installation steps, and troubleshooting FAQ.</p>
	<p><a href="#">VEKOOTO SO1 Solar Magnetic Wireless Backup Camera User Manual - 2.4GHz Wi-Fi, 9600mAh Battery</a></p> <p>Comprehensive user manual for the VEKOOTO SO1 Solar Magnetic Wireless Backup Camera. Learn about installation, setup, features, specifications, troubleshooting, and customer support for this 2.4GHz Wi-Fi camera with a 9600mAh battery.</p>





### [VEKOOTO SW7-1 Magnetic Wireless Backup Camera 7" Monitor Kit User Manual](#)

Comprehensive user manual for the VEKOOTO SW7-1 Magnetic Wireless Backup Camera 7" Monitor Kit. Learn about installation, features, specifications, and troubleshooting for your vehicle's backup camera system.