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VEKOOTO VK5

# VEKOOTO Wireless RV Backup Camera System VK5 User Manual

Model: VK5

Introduction	Package Contents	Key Features	Setup	Operation	Power Management
	Environmental Features	Troubleshooting	Specifications	Support	

## 1. INTRODUCTION

Welcome to your VEKOOTO Wireless RV Backup Camera System. This manual provides detailed instructions for the installation, operation, and maintenance of your VK5 system, designed to enhance safety and convenience when maneuvering your RV, truck, trailer, or camper. Please read this manual thoroughly before use to ensure proper setup and optimal performance.



*The VEKOOTO VK5 system includes a 5-inch monitor and a magnetic, solar-charging wireless camera, providing a clear 1080P view for safe reversing and monitoring.*

## 2. PACKAGE CONTENTS

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

- 1x 5-inch Monitor
- 1x Magnetic Solar Rechargeable Camera
- 1x Car Charger
- 1x Antenna
- 1x Suction Mount Bracket
- 1x USB-C Charging Cable
- 1x Wall Charger
- 1x User Manual (this document)

## 3. KEY FEATURES

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- **Magnetic Mount & Plug & Play:** Features 12 powerful magnets for tool-free attachment. Monitor powers via Type-C or cigarette lighter for easy setup.
- **2.4GHz Stable Signal:** Digital wireless signal offers strong anti-interference with up to 328ft transmission range in open spaces.
- **5-inch Monitor & Loop Recording:** Continuously saves footage, overwriting oldest files. Supports up to 128GB TF cards (not included).
- **Camera Auto Sync On/Off with Monitor:** Camera automatically powers down when the monitor is off and starts up when the monitor is on, saving energy.
- **15,000mAh Battery & True Solar Charging:** Integrated high-efficiency solar panel and a powerful battery provide up to 30 hours of continuous operation. Supports fast Type-C charging.
- **IP69 Waterproof & IR Night Vision:** Engineered for extreme weather, with infrared night vision providing clear views up to 30 feet in darkness.

## 4. SETUP GUIDE

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### 4.1 Camera Installation (Magnetic Mount)

The camera features 12 strong magnets for easy attachment to any ferrous metal surface on your vehicle. No drilling or wiring is required for installation.

- Identify a suitable flat metal surface on the rear of your RV, truck, trailer, or camper.
- Ensure the surface is clean and dry for optimal magnetic adhesion.
- Firmly press the camera onto the chosen surface. The strong magnets will secure it in place.
- Adjust the camera angle as needed to achieve the desired viewing area.
- **Note:** If your vehicle has an aluminum or fiberglass body, the magnetic mount will not adhere directly. Contact VEKOOTO for a free metal plate accessory to enable magnetic mounting.

# Plug & Play, Magnetic Mount



*The camera attaches magnetically, and the monitor can be powered via a car charger or USB-C cable.*

## 4.2 Monitor Installation and Power

The 5-inch monitor can be easily installed on your dashboard or windshield using the provided suction mount bracket.

- Attach the suction mount bracket to the monitor and secure it to your desired location in the vehicle.
- Connect the monitor to power using either the included Type-C cable or the cigarette lighter adapter.
- Ensure the power connection is secure.

## 4.3 Initial Camera Activation

For the very first use, the camera must be manually powered on. After this initial activation, the camera will automatically sync with the monitor's power state.

- Locate the power button on the camera.
- Press and hold the power button until the camera indicates it is on (e.g., an indicator light illuminates).



## 5. OPERATING INSTRUCTIONS

### 5.1 Wireless Signal Connection

The camera and monitor establish a connection using a 2.4GHz Digital Wireless Signal. This provides a stable and interference-resistant connection.

- Once both the camera and monitor are powered on, they will automatically attempt to pair.
- The system offers a transmission range of up to 328 feet in open spaces, suitable for various vehicle lengths.



*The system utilizes a 2.4GHz digital wireless signal for stable communication up to 328 feet.*

### 5.2 Monitor Functions

The 5-inch monitor provides a clear display and includes several useful features:

- **Live View:** Displays the real-time feed from the backup camera.
- **Loop Recording:** Enabled by default, the monitor continuously records footage. When the storage is full, the

oldest files are automatically overwritten.

- **TF Card Support:** The monitor supports TF cards up to 128GB for storing recorded footage. (TF card not included).
- **Playback:** Access and review recorded video files directly on the monitor.

## 5" Monitor & Loop Recording

The 5" monitor with built-in recording and local playback features.

Max support 128GB TF card.



Full Screen



Split Screen

(Second camera can be add)



(Not included)



*The 5-inch monitor supports loop recording and can display full or split screen views, with a slot for a TF card.*

### 5.3 Camera Auto Sync On/Off

The VK5 system features an intelligent auto-sync function to conserve battery life and enhance convenience.

- When the monitor is powered off, the camera will automatically power down.
- When the monitor is powered on, the camera will automatically activate.
- You can configure the monitor to auto-sleep after 30s, 60s, or 90s, or keep it continuously on via the monitor settings.



# Camera Auto Sync On/Off with Monitor

The camera automatically syncs with the monitor, turning on and off without manual intervention. This feature significantly reduces battery drain on the camera.



*The camera automatically syncs its power state with the monitor, reducing battery drain.*

## 6. POWER MANAGEMENT

### 6.1 Battery and Charging

The camera is equipped with a robust 15,000mAh lithium battery and an integrated solar panel for efficient power management.

- **Battery Capacity:** The 15,000mAh battery provides up to 30 hours of continuous operation on a full charge.
- **Solar Charging:** The high-efficiency monocrystalline solar panel can provide up to 400mA of current, continuously charging the battery when exposed to sunlight.
- **Cable Charging:** For faster charging or when solar charging is insufficient, use the provided USB-C charging cable and wall charger.

# 15,000mAh 18650 Lithium Battery



**Cable Charging**



**Solar Charging**  
(Maximum charging current: 400 mA)

*The camera features a 15,000mAh battery, supporting both solar and Type-C cable charging.*

## 7. ENVIRONMENTAL FEATURES

### 7.1 Waterproof and Night Vision

The VEKOOTO VK5 camera is built to withstand challenging environmental conditions.

- **IP69 Waterproof:** The camera boasts an IP69 waterproof rating, ensuring it can endure extended exposure to heavy rain, dust, and other elements without compromise.
- **IR Night Vision:** Equipped with infrared night vision, the camera provides a clear view up to 30 feet in complete darkness, enhancing safety during nighttime operations.



# IP69 Waterproof & IR Night Vision



*The camera is IP69 waterproof and features IR night vision for clear visibility in all conditions.*

## 8. TROUBLESHOOTING

If you encounter issues with your VEKOOTO VK5 system, please refer to the following common problems and solutions:

- **No Image on Monitor:**

- Ensure both the camera and monitor are powered on. Remember to manually power on the camera for its first use.
- Check all power connections to the monitor (Type-C or cigarette lighter).
- Verify the camera battery has sufficient charge.
- Ensure the camera and monitor are within effective wireless range (up to 328ft in open spaces) and there are no major obstructions.

- **Poor Image Quality or Signal Interruption:**

- Reposition the camera or monitor to minimize interference from other electronic devices.
- Ensure the camera's antenna is securely attached and oriented correctly.
- Check for any physical obstructions between the camera and monitor.

- **Camera Not Charging:**

- For solar charging, ensure the solar panel is clean and exposed to direct sunlight.
- For cable charging, verify the USB-C cable and wall charger are properly connected and functional.

- **Monitor Not Powering On:**

- Check the power source (cigarette lighter or Type-C port) for functionality.
- Ensure the power cable is securely connected to the monitor.

- **Incorrect Cigarette Adapter USB-C Cable:**

- If the provided cigarette adapter's USB-C end does not fit the monitor, please contact VEKOOTO customer support for assistance or a replacement.

If these steps do not resolve your issue, please contact VEKOOTO customer support for further assistance.

## 9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	VK5
Product Dimensions	5.5 x 0.67 x 3.5 inches (Monitor)
Item Weight	2.65 pounds (Total)
Screen Size	5 Inches
Battery Type	3 Lithium Ion batteries (included)
Battery Capacity	15,000mAh
Wireless Frequency	2.4GHz Digital Wireless Signal
Transmission Range	Up to 328ft (open spaces)
Waterproof Rating	IP69
Night Vision Range	Up to 30 feet (IR)
Field Of View	150 Degrees
Installation Type	Magnetic Mount
Compatible Devices	VK5-1 Monitor
Max TF Card Support	128GB

## 10. WARRANTY AND SUPPORT

VEKOOTO products are designed for reliability and performance. For specific warranty details, please refer to the

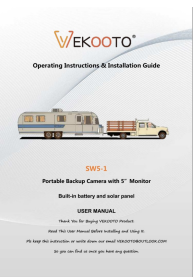



warranty card included with your product or visit the official VEKOOTO website. If you require technical assistance, have questions about your product, or need to report an issue, please contact VEKOOTO customer support through the following channels:

- **Email:** Refer to your product packaging or the official VEKOOTO website for contact email.
- **Website:** [VEKOOTO Official Store on Amazon](#)

Please have your model number (VK5) and purchase information ready when contacting support.



Related Documents - VK5

	<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 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 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.