

## VEKOOTO B0D2SW24HP

# VEKOOTO Digital Wireless Forklift Camera System User Manual

Model: B0D2SW24HP

## 1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your VEKOOTO Digital Wireless Forklift Camera System. This system is designed to enhance safety and visibility during forklift operations by providing a clear, real-time view of the surrounding environment, particularly in blind spots. The kit includes a 7-inch IPS screen monitor, a waterproof night vision camera, and a magnetic 9600mA battery bank, all connected wirelessly for ease of installation and use.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Magnetic Base Camera:** Equipped with strong magnets for secure attachment to the forklift arm, allowing for flexible positioning.
- **High-Capacity Battery Bank:** A 9600mAh magnetic base rechargeable battery bank powers the camera, providing approximately 15-17 hours of continuous operation.
- **7-inch Monitor:** The monitor features a 7-inch IPS screen for clear and vivid display, powered via a 12V DC cigarette lighter adapter.
- **Digital Wireless Connection:** Ensures a stable and interference-free connection between the monitor and camera, eliminating the need for complex wiring.
- **IP69K Waterproof Camera:** Designed to withstand harsh outdoor conditions, including heavy rain and dust.
- **Night Vision Capability:** Provides clear visibility in low-light conditions.
- **Split Screen Display:** Supports multiple display modes, including full-screen and dual split-screen views, for enhanced situational awareness.

### 2.2 Components (What's in the Box)

The VEKOOTO Digital Wireless Forklift Camera System package includes the following items:

- 1x 7-inch Monitor
- 1x Forklift Camera with Magnetic Base
- 1x Power Bank 9600 mAh with Magnetic Base
- 1x Antenna (for monitor)
- 1x Mounting Bracket (for monitor)

- 1x Cigarette Lighter Charger with Dual USB Ports
- 1x Power Cable for Monitor
- 1x USB Charging Cable (for battery bank)



*Image: All components included in the product package, laid out clearly.*

### 3. SETUP AND INSTALLATION

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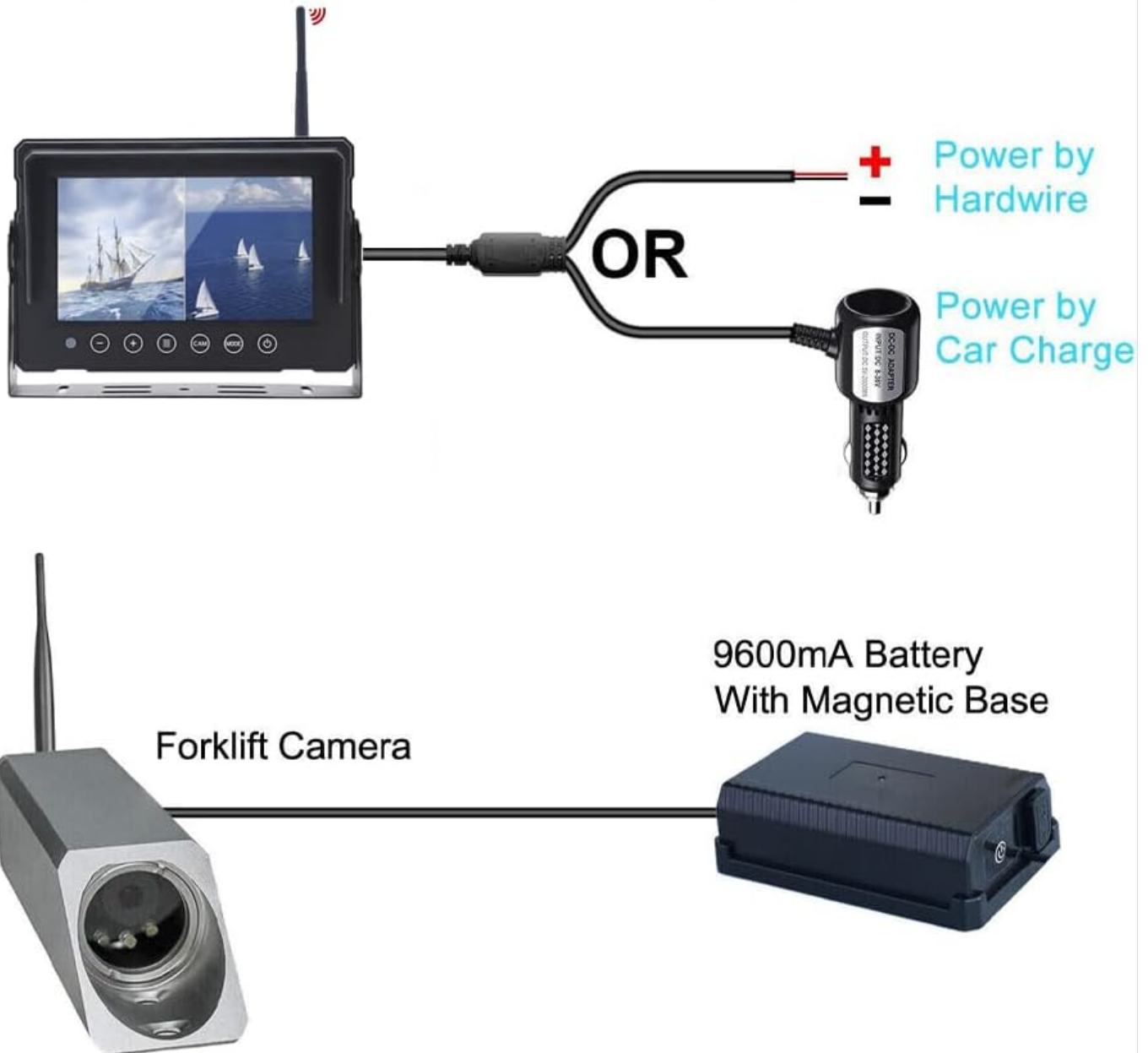
The VEKOOTO Digital Wireless Forklift Camera System is designed for easy installation, often achievable by a single person within approximately 15 minutes, thanks to its wireless design and magnetic components.

### 3.1 Camera Installation

1. **Attach Battery Bank:** Connect the forklift camera to the 9600mAh battery bank. Ensure a secure connection.
2. **Mount Camera:** Utilize the magnetic base of the camera and battery bank to firmly attach them to the iron arm of the forklift. Position the camera to provide the desired front view, ensuring no obstructions.

## Easy to Install Even By One Person

Without Wires Between Monitor and Cameras, Easy to Set Up or Uninstall When Not Needed. Installation Can Be Completed in Only 15 Minutes.



*Image: Illustration of the camera and battery bank setup, highlighting the magnetic attachment and power options for the monitor.*

## 3.2 Monitor Installation

1. **Attach Mounting Bracket:** Secure the provided mounting bracket to a suitable location within the forklift cab, ensuring it does not obstruct the operator's view or controls.
2. **Mount Monitor:** Attach the 7-inch monitor to the mounting bracket. Adjust the angle for optimal viewing.
3. **Power Connection:** Connect the monitor's power cable to the cigarette lighter charger. Insert the charger into the

forklift's 12V DC cigarette lighter socket. Alternatively, the monitor can be hardwired if preferred (professional installation recommended for hardwiring).



Image: A visual representation of the camera system components installed on a forklift, illustrating the wireless connection and placement. Once both the camera and monitor are powered on, they will automatically pair via the digital wireless signal. No manual pairing is typically required.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off

- **Monitor:** The monitor powers on automatically when connected to a powered cigarette lighter socket. Press the power button on the monitor to manually turn it off or on.
- **Camera:** The camera is powered by the magnetic battery bank. Ensure the battery bank is charged and connected to the camera. The camera will power on when the battery bank is active.

### 4.2 Display Modes



The 7-inch IPS monitor supports various display modes to suit operational needs:

- **Full Screen View:** Displays the feed from a single camera across the entire screen.
- **Dual Split Screen View:** Divides the screen to show feeds from two cameras simultaneously (if a second camera is connected).

Use the "MODE" button on the monitor to cycle through available display modes. The "CAM" button can be used to switch between individual camera views in full-screen mode.



Image: The monitor screen showing a split view, demonstrating its capability to display multiple camera feeds simultaneously.

### 4.3 Charging the Battery Bank

The 9600mAh battery bank can be recharged using the provided USB charging cable. Connect the USB cable to a standard USB power adapter (not included) or a USB port on the cigarette lighter charger. A full charge provides approximately 15-17 hours of camera operation.



Image: Detailed view of the portable battery source, highlighting its lithium electronic battery and charging specifications.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your VEKOOTO camera system.

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage surfaces.
- **Camera Waterproofing:** The camera is IP69K rated for waterproofing. While designed for harsh conditions, avoid submerging it in water for extended periods. Ensure the charging port cover is securely closed when not charging.
- **Battery Care:** Recharge the battery bank regularly, even if not in constant use, to maintain battery health. Store in a cool, dry place.
- **Cable Inspection:** Periodically inspect all cables and connections for signs of wear, fraying, or damage. Replace any damaged components immediately.



*Image: The stainless steel camera demonstrating its IP69K waterproof rating, suitable for outdoor and challenging environments.*

## 6. TROUBLESHOOTING

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If you encounter issues with your VEKOOTO Digital Wireless Forklift Camera System, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	Monitor not powered on. Camera not powered on. Wireless signal interference. Camera/monitor out of range.	Ensure monitor is connected to a live 12V DC source and powered on. Check camera battery bank charge and connection. Relocate the monitor or camera slightly to reduce interference. Ensure camera and monitor are within the effective wireless range (up to 50-100m).
Flickering or distorted image	Weak wireless signal. Electromagnetic interference.	Move camera or monitor closer. Ensure antennas are securely attached and oriented correctly. Avoid placing the system near strong electromagnetic sources.
Battery bank not charging	USB cable or power adapter faulty. Battery bank issue.	Try a different USB cable and power adapter. Ensure the charging port on the battery bank is clean.

If the problem persists after attempting these solutions, please contact VEKOOTO customer support for further assistance.

## 7. SPECIFICATIONS

Feature	Detail
Monitor Screen Size	7 Inches
Display Technology	LCD, IPS Full Screen
Camera Resolution	1080P HD Input Supported
Camera Waterproof Rating	IP69K
Battery Capacity	9600mAh (for camera)
Battery Life (Camera)	Approx. 15-17 hours
Wireless Range	Up to 50-100m (digital wireless)
Monitor Power Input	12 Volts (DC) via Cigarette Lighter Charger
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real Angle of View	120 Degrees
Product Dimensions	8.1"L x 3"W x 6.1"H (Monitor)



Feature	Detail
Item Weight	4.03 pounds (total package)
Manufacturer	VEKOOTO



Image: Detailed dimensions of the monitor, camera, and battery bank for reference.

## 8. WARRANTY AND SUPPORT


VEKOOTO is committed to providing high-quality products and customer satisfaction. For specific warranty details, please refer to the warranty card included with your product or visit the official VEKOOTO website. For technical support, troubleshooting assistance, or any inquiries regarding your product, please contact VEKOOTO customer service through

the contact information provided on the product packaging or the official brand store.  
You can visit the VEKOOTO Store for more information:[VEKOOTO Official Store](#)



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Related Documents

	<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>
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