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> Wkzay Wireless RV Backup Camera V39 Instruction Manual

Wkzay V39

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MODEL: V39

Introduction

Thank you for choosing the Wkzay Wireless RV Backup Camera V39. This system is designed to enhance safety and convenience for RVs, trailers, campers, and trucks. Featuring a 7-inch HD 1080P monitor, a solar-powered magnetic camera, and advanced wireless technology, this manual provides essential information for setup, operation, and maintenance.

The Wkzay V39 offers a reliable solution for monitoring your vehicle's rear and blind spots, ensuring a clearer view during driving, reversing, and parking maneuvers. Its robust design and user-friendly features make it an indispensable tool for travelers.

Applicable Model



RVs



Horse trailers



Hitch trailers



Observation Hooks



Watch the road



Observe the carriage



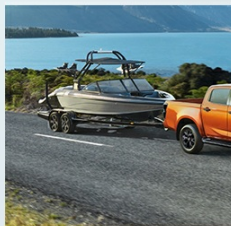
Pickups



Trucks



Campers



Observation ship



Watch the RV inside



Reverse monitoring



Tractor



Class A Motorhome



Drill Rig

Image Description: This image illustrates the wide range of vehicles compatible with the Wkzay Wireless RV Backup Camera, including RVs, horse trailers, hitch trailers, observation hooks, pickups, trucks, campers, observation ships, Class A motorhomes, drill rigs, and reverse monitoring.

Setup

1. Camera Installation

The Wkzay V39 camera features a strong magnetic mount for quick and easy installation without drilling or wiring. It attaches securely to any metal surface on your RV, trailer, or truck. For non-metallic surfaces (e.g., aluminum, fiberglass, plastic), use the included iron sheet bracket and adhesive tape/screws for secure attachment.

- **Magnetic Attachment:** Simply place the camera on a suitable metal surface at the rear of your vehicle. Ensure the surface is clean and dry for optimal adhesion.
- **Bracket Installation (for non-metallic surfaces):** Affix the iron sheet bracket to your desired location using the provided adhesive tape or screws. Once the bracket is secure, the camera can be magnetically attached to it.

Installing Backup Camera

10X More Effective

Saves you time and installation costs



Magnetic Bracket



Less 1 Mins Installation



Rubber Base

(Protect your vehicle)

" Can withstand
12KG "



Others



Ordinary Bracket



20-30 Mins Installation



Need to Drill Holes

(Damage your vehicle surface)

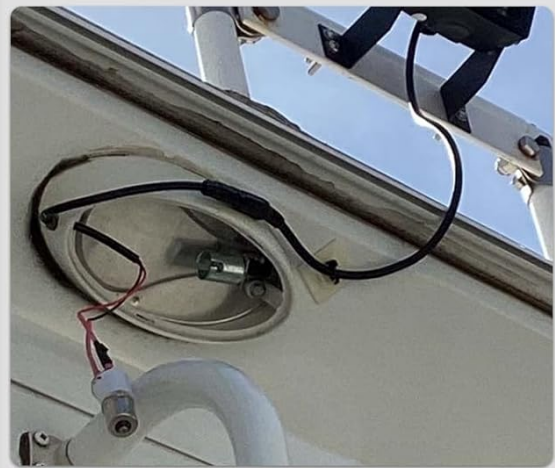


Image Description: This image contrasts the simple magnetic installation of the Wkzay camera with the complex, drilling-required installation of other cameras, emphasizing the ease of setup.

Strong Magnetic Base



Image Description: The image shows a hand attaching the Wkzay camera with its strong magnetic base to the side of an RV, illustrating the drill-free installation process.

2. Powering the Camera

The camera is equipped with a 15000mAh battery and a 3W solar panel for continuous power. The solar panel recharges the battery during daylight hours, providing up to 25 hours of operation on a full charge.

- **Solar Charging:** Ensure the solar panel on top of the camera is exposed to direct sunlight for optimal charging.
- **USB Charging:** For initial charge or when solar charging is insufficient, use the provided USB cable to charge the camera via a standard USB power source.

Large Solar Panel

Charging efficiency increased by 200%



Solar powered



High conversion

Upgraded 15000Ah

Ultra-large Capacity Battery



USB powered



Working 25H+



Image Description: This image highlights the camera's large solar panel for efficient charging and its high-capacity 15000mAh battery, indicating long operational life and USB charging capability.



15000mAh

Image Description: The image details the camera's integrated 3W solar panel and mentions the possibility of connecting to an external 5W solar panel, emphasizing its power efficiency and 15000mAh battery.

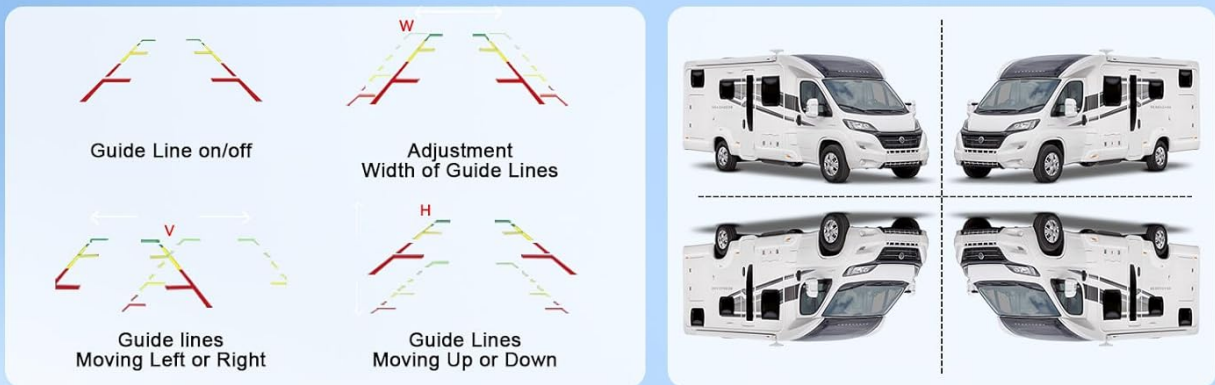
3. Monitor Setup and Power

Place the 7-inch LCD monitor in a convenient location within your vehicle, such as on the dashboard. The monitor can be powered via the included cigarette lighter adapter or a USB cable.

- **Cigarette Lighter Power:** Connect the monitor to your vehicle's 12V cigarette lighter socket.
- **USB Cable Power:** Alternatively, use the USB cable to power the monitor from a compatible USB port.

The camera and monitor are typically pre-paired for immediate use. If pairing is required, refer to the on-screen menu options for wireless connection setup.

DIY Guide Line & Image Flip



Cigarette lighter power



USB cable power

Image Description: This image displays the monitor's power options (cigarette lighter and USB) and visually explains the adjustable guide lines and image flip functions.

Operating Instructions

1. Display and Viewing Modes

The 7-inch LCD monitor provides clear HD 1080P visuals. It supports up to four camera feeds, allowing for various

viewing configurations.

- **Single Camera View:** Display the feed from one camera at a time.
- **Split-Screen View:** View feeds from multiple cameras simultaneously (e.g., two or four cameras). This is useful for monitoring different angles or blind spots.
- **Channel Switching:** Use the monitor's controls to switch between camera channels or viewing modes.

Supports up to 4 Channels

Multi-view monitoring, no blind spots



Image Description: This image demonstrates the monitor's capability to display up to four camera feeds simultaneously in a split-screen format, enhancing multi-view monitoring.

4 Splits Backup Camera



Image Description: The image showcases various split-screen options on the monitor, highlighting the flexibility of the 4-split backup camera system for comprehensive vehicle monitoring.

2. Video Quality and Night Vision

The camera provides sharp HD 1080P video resolution. It is equipped with advanced infrared night vision for clear visibility in low-light conditions or complete darkness.

- **HD 1080P:** Ensures high-definition images for detailed viewing.
- **Infrared Night Vision:** Infrared LED lights illuminate the area behind your vehicle without glare, providing clear images for safe nighttime driving and parking.



Image Description: This split image effectively illustrates the camera's infrared night vision by comparing a clear daytime scene with a detailed, monochrome nighttime view, emphasizing its functionality in darkness.

3. Loop Recording

The system supports loop recording, which automatically saves and overwrites older footage. This feature requires a microSD card (not included) inserted into the monitor.

- **Recording:** Insert a microSD card (up to 128GB) into the monitor to enable continuous recording.
- **Automatic Overwrite:** When the storage is full, the oldest files are automatically overwritten by new footage.

Loop Recording Video



Image Description: This image visually represents the loop recording function, showing a sequence of recorded video frames and indicating the use of a microSD card for storage.

DVR Loop Recording

The best partner for retaining evidence!



Support max 128GB
SD Card



Playback



Loop Recording



Not included



Image Description: The banner highlights the DVR loop recording feature, indicating support for up to 128GB SD cards, playback functionality, and continuous loop recording.

4. Parking Assistance and Image Orientation

The monitor offers adjustable parking guide lines and image flip functions to assist with precise maneuvering.

- **Adjustable Parking Guides:** Customize the width, height, and left/right position of the parking lines on the display to match your vehicle and specific parking needs.
- **Image Flip:** Adjust the image orientation (normal, mirror, inverted front, inverted mirror) to suit the camera's mounting position and your preference.



Image Description: This image illustrates the adjustable parking assisting lines on the monitor, showing how users can customize their width, height, and horizontal position for precise parking.



Image Description: The image visually explains the image flip feature, displaying four different orientations (Normal, Mirror, Inverted Front, Inverted Mirror) to adapt to various camera mounting scenarios.

5. Wide Angle View

The camera features a 170-degree wide-angle lens, providing a broad view of the area behind your vehicle, minimizing blind spots.



Image Description: This image depicts an RV with the camera installed, visually representing the expansive 170-degree wide-angle view it provides for comprehensive rear monitoring.

Maintenance

1. Weather Resistance

The camera boasts an IP69K waterproof rating and a shockproof aluminum alloy construction, designed to withstand harsh weather conditions such as heavy rain, snow, and extreme temperatures.

- **Cleaning:** Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance. Avoid abrasive cleaners.
- **Inspection:** Periodically check the magnetic mount or bracket for secure attachment, especially after long trips or exposure to rough terrain.



Image Description: The image illustrates the camera's IP69K waterproof design, showing it enduring rain while mounted on an RV, emphasizing its durability in adverse weather.

2. Battery Care

To maximize battery life, ensure the solar panel receives adequate sunlight. If the camera is stored for extended periods, fully charge the battery before storage and periodically recharge it every few months.

Troubleshooting

If you encounter issues with your Wkzay Wireless RV Backup Camera, refer to the following common troubleshooting steps:

- **No Image on Monitor:**

- Ensure both the camera and monitor are powered on.
- Check power connections for the monitor (cigarette lighter or USB).
- Verify the camera battery is charged (check solar panel exposure or charge via USB).
- Confirm the camera and monitor are paired. If not, initiate pairing through the monitor's menu.

- **Poor Signal or Intermittent Connection:**

- Ensure there are no large metallic obstructions between the camera and monitor.
- Reposition the camera or monitor slightly to improve signal path.
- The system uses advanced 2.4G wireless frequency with dual antennas for stable connections up to 328ft in open areas. Ensure you are within this range.

- **Image Quality Issues (Blurry/Dark):**

- Clean the camera lens.
- Adjust monitor brightness and contrast settings.
- For night vision, ensure no obstructions are blocking the infrared LEDs.

- **Parking Lines Incorrect:**

- Access the monitor's menu to adjust the parking guide lines (width, height, position).



Image Description: This image highlights the system's stable digital signal and frequency hopping technology, showing a clear wireless connection between the camera and monitor, ensuring no delay.

Specifications

Feature	Detail
Model Number	V39
Screen Size	7 Inches
Display Technology	LCD

Video Resolution	HD 1080P
Wireless Frequency	2.4G
Signal Range	Up to 328ft (open area)
Camera Battery Capacity	15000mAh Lithium Ion
Solar Panel Power	3W
Operating Time (Full Charge)	Up to 25 hours
Waterproof Rating	IP69K
Lens Type	Wide Angle
Real Angle of View	170 Degrees
Optical Sensor Technology	CMOS infrared
Power Input	12 Volts (Monitor)
Connector Type	USB
Installation Type	Surface Mount, Dashboard Mount
Item Weight	3.7 pounds
Product Dimensions	6.5 x 5 x 8.5 inches

What's in the Box:

- 1 x Solar Magnetic Backup Camera
- 1 x 7 Inch LCD Monitor
- 1 x Iron Sheet Bracket for Magnetic Backup Camera
- 1 x User Manual

Warranty and Support

For technical assistance, troubleshooting, or warranty inquiries regarding your Wkzay Wireless RV Backup Camera V39, please contact Wkzay customer service. Refer to the contact information provided on the product packaging or the official Wkzay website.

