Yakry 8542135292

Yakry RV Backup Camera Y14 User Manual

Model: 8542135292 | Brand: Yakry

1. Product Overview

The Yakry RV Backup Camera Y14 is a high-definition wired rear view system designed to provide clear and stable images for various large vehicles. Its plug-and-play design ensures easy installation, making it an ideal companion for safer driving and parking.

Key Features:

- **Easy Installation:** Simple plug-and-play setup, powered by a single source.
- **Stable Wired Transmission:** Ensures no signal loss or delays, unlike wireless systems.
- **Clear Night Vision:** True IR night vision for enhanced visibility in low-light conditions.
- **Wide Viewing Angle:** 150-degree non-fisheye distortion camera for comprehensive coverage.
- **7-inch IPS HD Monitor:** Offers clearer, more vibrant color images with a wide viewing angle and anti-glare sunshade.
- **Parking Guidelines & Image Flip:** Adjustable guidelines and image flip function for precise reversing.
- **Dual Channel Support:** Monitor supports two video inputs (V1/V2) for an additional camera.
- **Rugged Cable:** Newly upgraded cable with environmentally friendly PVC material, dual-layer shielding, and pure copper interfaces for durability.

What's in the Box:

- 1 x 7 inch LCD Monitor
- 1 x Car Backup Camera
- 1 x 66ft long wire
- 1 x Cigarette Lighter Power Adapter
- 1 x User Manual



Figure 1.1: Yakry RV Backup Camera System components.



Figure 1.2: Detailed view of included package contents.

2. Setup & Installation

The Yakry RV Backup Camera system is designed for quick and easy installation, typically taking around 8 minutes. The camera and monitor are powered by a single power supply, simplifying the wiring process.

Installation Steps:

1. **Mount the Monitor:** Secure the 7-inch IPS monitor in a suitable location within your vehicle's cabin, such as the dashboard or windshield, ensuring it does not obstruct your view.
2. **Mount the Camera:** Install the waterproof camera at the rear of your vehicle, ensuring a clear view of the area behind.
3. **Connect Wiring:** Connect the camera to the monitor using the provided 66ft cable. This wired connection ensures stable signal transmission.
4. **Power Connection:** Connect the monitor to a power source. You can use the included cigarette lighter adapter for

a simple plug-and-play setup, or wire it directly to an ACC/fuse for a more integrated solution. The system is designed to turn on and off with your vehicle's ignition.

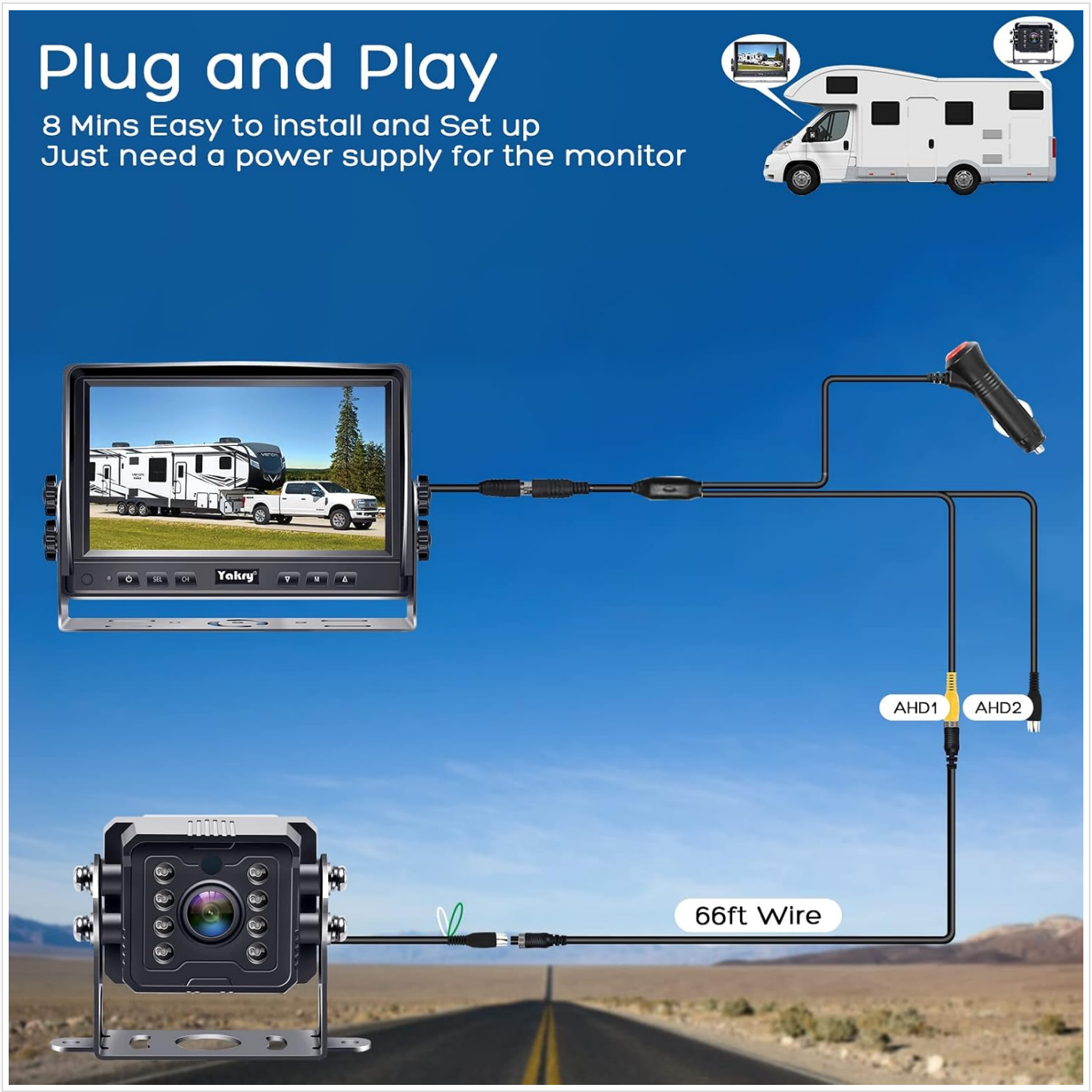


Figure 2.1: Simplified wiring diagram for plug-and-play installation.



Figure 2.2: Power connection options for the system.

3. Operating Instructions

The Yakry RV Backup Camera system provides intuitive controls and features to assist with safe vehicle operation, especially during reversing and maneuvering.

Monitor Functions:

- **Power Button:** Turns the monitor on/off.
- **SEL (Select) Button:** Used to navigate menu options.
- **CH (Channel) Button:** Switches between video inputs (V1/V2) if a second camera is connected.
- **Menu Button (M):** Accesses monitor settings such as brightness, contrast, color, and image adjustments.
- **Up/Down Arrows:** Adjust settings within the menu or control parking guidelines.

Camera Features:

- **Parking Guidelines:** The monitor displays adjustable parking guidelines to assist with accurate reversing. These can be turned on/off and adjusted for width and height.
- **Image Flip:** The image can be flipped horizontally or vertically to suit different mounting orientations or preferences (e.g., mirror view).
- **Night Vision:** Integrated IR LEDs provide clear visibility in low-light or dark conditions.
- **Wide Angle View:** The 150-degree lens offers a broad perspective without significant fisheye distortion, ideal for lane changes and tight spaces.

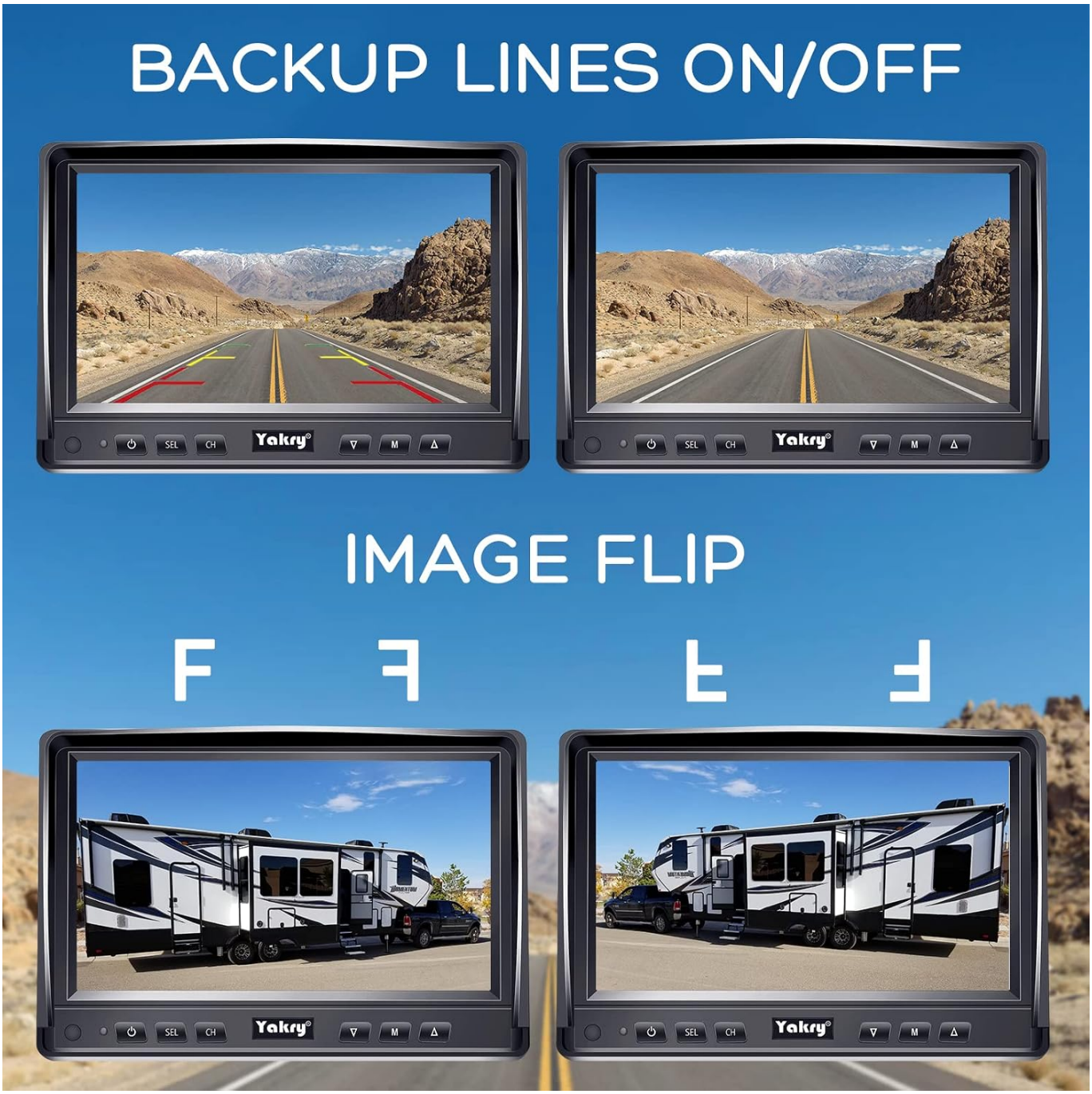


Figure 3.1: Parking guidelines and image flip functionality.



Figure 3.2: The 7-inch IPS HD monitor provides a large, clear display.



Figure 3.3: Wide-angle view for improved situational awareness.



Figure 3.4: Enhanced night vision capabilities.

4. Maintenance

The Yakry RV Backup Camera system is built for durability and requires minimal maintenance. Regular checks can ensure its longevity and optimal performance.

Key Maintenance Aspects:

- **Waterproof Design:** The camera features an IP69K waterproof rating, ensuring it works well in heavy rain and snow.
- **Temperature Resistance:** Designed to withstand extreme temperatures, from -22°F to 176°F.
- **Durable Cable:** The 66ft cable is constructed with environmentally friendly PVC material, dual-layer shielding, and pure copper interfaces to resist damage from bending or movement.
- **Cleaning:** Periodically clean the camera lens and monitor screen with a soft, damp cloth to ensure clear visibility. Avoid abrasive cleaners.
- **Cable Inspection:** Regularly inspect the cable for any signs of wear, cuts, or damage. Ensure all connections are secure.



Figure 4.1: The camera's robust IP69K waterproof and temperature-resistant design.

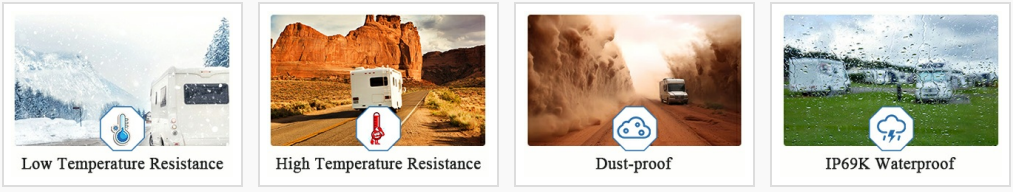


Figure 4.2: Environmental resistance features of the camera.

5. Troubleshooting

If you encounter any issues with your Yakry RV Backup Camera system, refer to the following table for common problems and their solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No Signal / Black Screen	Loose cable connection, no power to monitor/camera, faulty cable.	Check all cable connections (monitor, camera, power). Ensure power source is active. Test with a different power source if possible.
Flickering Image	Poor power supply, interference, damaged cable.	Ensure stable power supply. Check for strong electromagnetic interference. Inspect cable for damage.
Image is Upside Down/Mirrored	Incorrect image flip setting.	Access monitor menu and adjust the image flip setting (horizontal/vertical).
No Parking Guidelines	Parking guidelines feature is turned off.	Access monitor menu and enable parking guidelines. Adjust as needed.
Poor Night Vision	Dirty camera lens, IR LEDs obstructed.	Clean the camera lens. Ensure nothing is blocking the IR LEDs.

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

6. Specifications

Feature	Specification
Brand	Yakry
Model Number	8542135292
Screen Size	7 Inches
Display Technology	LCD (IPS)
Video Capture Resolution	1080p
Viewing Angle	150 Degrees (Non-fisheye distortion)
Night Vision	IR Night Vision
Waterproof Rating	IP69K
Operating Voltage	12 Volts (Compatible with 12-24V vehicles)
Cable Length	66ft
Item Weight	3.56 pounds
Product Dimensions	29 x 21 x 8 inches
Country of Origin	China

7. Warranty & Support

Yakry is committed to providing excellent customer service and product quality.

- **3-Year Replacement Service:** Enjoy a 3-year replacement service for your backup camera system.
- **30-Day Money-Back Guarantee:** If you are not satisfied, you can return the product within 30 days for a full refund.
- **Lifetime Technical Support:** Yakry provides lifetime technical support for all its backup camera systems. For any questions or assistance, please contact their customer service team.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question