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Yakry Y34

Yakry RV Backup Camera Wireless HD 1080P System User Manual

Model: Y34 | Brand: Yakry

1. Product Overview

The Yakry Y34 Wireless HD 1080P Backup Camera System is designed to enhance safety and visibility for various large vehicles, including RVs, trailers, trucks, forklifts, cranes, harvesters, and boats. It features a 7-inch waterproof monitor and a robust camera, providing clear, high-definition video for both reversing and continuous observation.



Image 1.1: The Yakry Y34 wireless backup camera system, showing the 7-inch monitor and the camera unit.



Image 1.2: Illustration of the Yakry Y34 system's compatibility with various vehicles, including RVs, trucks, forklifts, cranes, harvesters, and boats, highlighting its 56ft wireless range.

2. Package Contents

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

- 7-inch HD 1080P Waterproof Monitor
- Wireless Backup Camera
- Sunshade for Monitor
- Installation Kits (Mounting brackets, screws)
- Antennas (for monitor and camera)
- Pedestal Mount
- Power Cord
- Lighter Adapter
- User Manual (this document)



Image 2.1: Visual representation of the complete package contents.

3. Setup and Installation

3.1 Camera Installation

1. **Choose Mounting Location:** Select a suitable location at the rear of your vehicle for optimal rear view. Ensure the camera has a clear line of sight.
2. **Secure Camera:** Use the provided installation kits to securely mount the camera. Ensure it is firmly attached to prevent vibration.
3. **Connect Power:**
    - For **Reversing View**: Connect the camera's power cable to your vehicle's reverse light circuit. This will power the camera only when the vehicle is in reverse.
    - For **Continuous View**: Connect the camera's power cable to a 12V-24V DC power source that is continuously active when the vehicle is on.
    - For **Furrion Pre-Wired Vehicles**: Utilize the optional Furrion bracket adapter and pigtail wire plug (if provided) for seamless integration with existing Furrion pre-wired setups.

4. **Attach Antenna:** Screw the antenna firmly onto the camera's antenna port.

3.2 Monitor Installation

1. **Mount Monitor:** Attach the monitor to the pedestal mount. Choose a dashboard or surface mount location that provides a clear view for the driver without obstructing driving visibility.
2. **Connect Power:** Plug the monitor's power cord into the lighter adapter, then insert the lighter adapter into your vehicle's 12V power outlet. The lighter adapter features an ON/OFF switch for convenience.
3. **Attach Antenna:** Screw the antenna firmly onto the monitor's antenna port.



Image 3.1: Illustration of connecting the lighter adapter and typical monitor placement in a vehicle.

4. Operating Instructions

4.1 Powering On/Off

- To power on the monitor, press the power button on the monitor or use the ON/OFF switch on the lighter adapter.
- To power off, press the power button again or switch off the lighter adapter.

4.2 Monitor Controls (Touch Buttons)

The monitor features touch-sensitive buttons for easy operation. These buttons can be locked to prevent accidental changes.



Image 4.1: Monitor features including touch buttons.

- **MODE:** Cycles through display modes (single view, split view, quad view).
- **CH (Channel):** Selects the camera channel to display (up to 4 cameras supported).
- **MENU:** Accesses the monitor's settings menu.
- **ENTER/SEL:** Confirms selections within the menu.
- **Arrow Buttons (< / >):** Navigate through menu options or adjust settings.

4.3 Display Modes

The system supports various display configurations:

- **Single View:** Displays one camera at a time. Use the CH button to switch between connected cameras.
- **Split View:** Displays two cameras simultaneously.
- **Quad View:** Displays up to four cameras simultaneously (if additional cameras are connected).



Image 4.2: Examples of single, split, and quad screen display modes.

4.4 Image Adjustment and Parking Lines

Within the monitor's menu, you can adjust image settings and control parking guidelines:

- **Brightness/Contrast/Saturation:** Adjust these settings for optimal image quality based on lighting conditions.
- **Mirror/Normal Image:** Switch between mirrored and normal views, useful for front or side camera applications.
- **Parking Lines (ON/OFF):** Enable or disable the on-screen parking guidelines to assist with parking and reversing maneuvers.

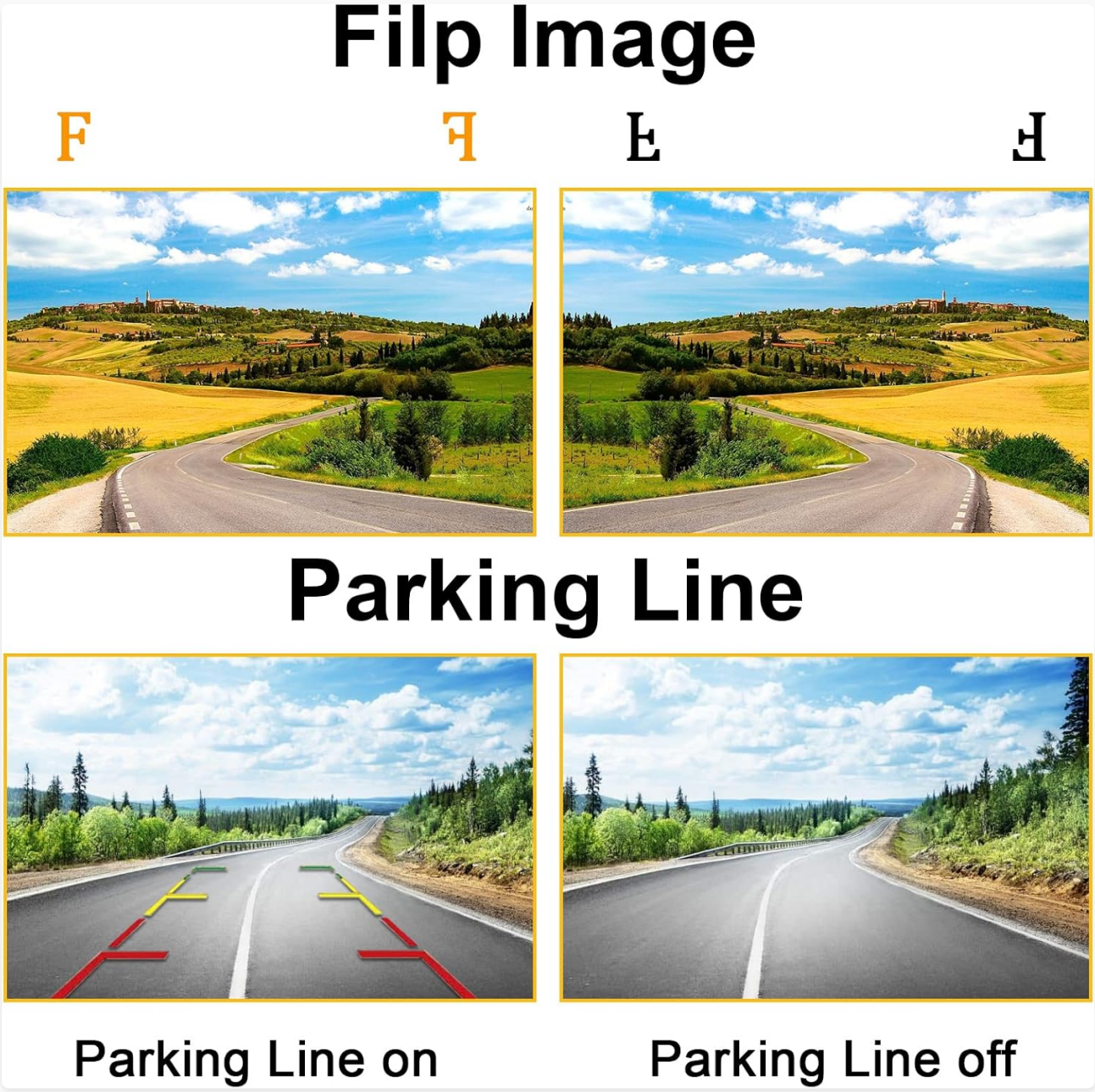


Image 4.3: Demonstrating image flip and parking line options.

5. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the monitor screen and camera lens. Avoid abrasive cleaners or solvents.
- **Cable Inspection:** Periodically check all cables and connections for wear, damage, or loose fittings.
- **Camera Lens:** Ensure the camera lens is free from dirt, mud, snow, or ice for clear visibility.
- **Waterproof Design:** The monitor is IP68 waterproof and the camera is IP69K rated, designed to withstand harsh weather conditions. However, avoid submerging the units.



Image 5.1: Waterproof ratings for the monitor and camera.

6. Troubleshooting

Problem	Possible Cause	Solution
No image on monitor / "No Signal"	◦ Power connection issue (monitor or camera) ◦ Antenna not properly connected ◦ Out of wireless range ◦ Interference ◦ Camera not paired (if applicable)	◦ Check all power connections. Ensure lighter adapter is ON. ◦ Ensure antennas are securely screwed in. ◦ Reduce distance between camera and monitor. ◦ Move away from strong interference sources. ◦ Refer to pairing instructions in the full manual (if applicable).

Problem	Possible Cause	Solution
Image is blurry or distorted	◦ Dirty camera lens ◦ Poor signal strength ◦ Monitor settings (brightness, contrast)	◦ Clean the camera lens. ◦ Check antenna connections and reposition if necessary. ◦ Adjust brightness, contrast, and saturation settings on the monitor.
Monitor not turning on	◦ No power from vehicle's 12V outlet ◦ Lighter adapter switch is OFF ◦ Faulty power cable/adapter	◦ Check vehicle's 12V outlet with another device. ◦ Ensure the lighter adapter switch is in the ON position. ◦ Contact customer support if power cable/adapter is suspected faulty.

7. Specifications

Feature	Detail
Model Number	Y34
Display Technology	LED
Screen Size	7 Inches
Video Capture Resolution	1080p
Wireless Working Range	Up to 56 ft (without interference)
Monitor Waterproof Rating	IP68
Camera Waterproof Rating	IP69K
Operating Voltage	12-24 Volts
Optical Sensor Technology	CMOS
Installation Type	Dashboard Mount, Surface Mount
Operating Temperature	-22°F to 176°F (-30°C to 80°C)

8. Warranty and Support

Yakry provides comprehensive customer support for its products:

- **Lifetime Technical Support:** Assistance is available for any technical questions or issues you may encounter.
- **2-Year Replacement Service:** In case of product defects or malfunctions within two years of purchase, a replacement service is offered.

- **30-Day Money-Back Guarantee:** If you are not satisfied with the product, you may be eligible for a refund within 30 days of purchase.

For further assistance, please refer to the contact information provided with your product or visit the official Yakry website.

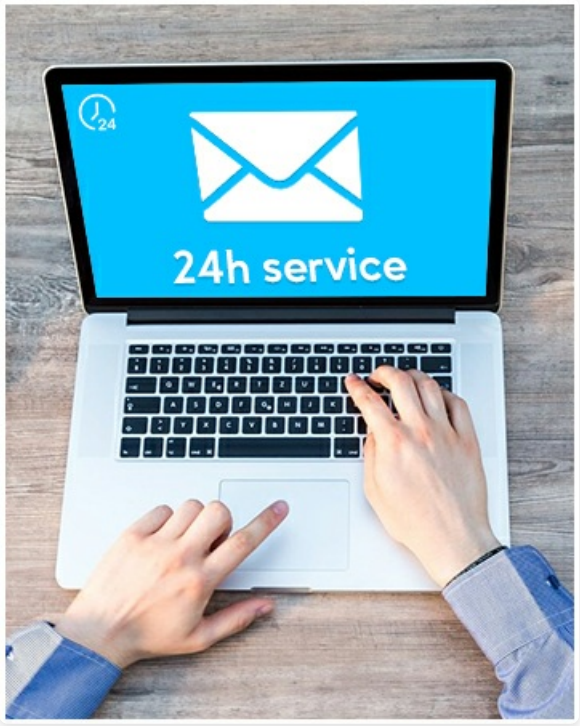


Image 8.1: Yakry customer service information.

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