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Yakry Y25

Yakry Y25 Wireless Backup Camera System User Manual

Model: Y25 | Brand: Yakry

1. Introduction

The Yakry Y25 Wireless Backup Camera System is designed to enhance driving safety by providing a clear, real-time view of the area behind your vehicle. This system utilizes stable digital wireless technology to minimize interference, offering reliable performance for various vehicles including trucks, cars, vans, and small RVs. The 1080P HD monitor and waterproof camera ensure clear visibility day and night, assisting with reversing, parking, and monitoring blind spots.

2. What's in the Box

- 1x Backup Camera
- 1x Touch Button Monitor
- 1x Suction Cup Mount
- 1x Power Cord
- 1x Antenna
- 1x T-Taps
- 1x Lighter Adapter
- 1x Instruction Manual

3. Specifications

Brand	Yakry
Model Number	Y25 (also listed as '5')
Screen Size	5 Inches
Video Capture Resolution	1080p
Installation Type	Dashboard Mount, Surface Mount
Waterproof Rating	IP69K

Viewing Angle	150°
Voltage	12 Volts
Item Weight	2.39 ounces
Product Dimensions	0.9 x 5.2 x 3.6 inches

4. Setup and Installation

Follow these steps for proper installation of your Yakry Y25 Wireless Backup Camera System:

1. **Pre-Installation Test:** Before permanent installation, connect all components to ensure they function correctly. This includes connecting the monitor to a 12V power source (cigarette lighter adapter) and the camera to a 12V power source (e.g., reverse lights or continuous 12V supply). Verify the monitor displays the camera feed.
2. **Camera Installation:** The camera is designed to be mounted behind the license plate. Secure it using the provided bracket. Ensure the camera lens has a clear, unobstructed view.
3. **Wiring the Camera:** Connect the camera's power wire to your vehicle's reverse lights for automatic activation when reversing, or to a continuous 12V power source for constant monitoring. Use the provided T-Taps for secure electrical connections.
4. **Monitor Placement:** Mount the 5-inch LCD monitor on your windshield or dashboard using the suction cup mount. Position it in a location that provides a clear view without obstructing your driving visibility.
5. **Monitor Power:** Connect the monitor's power cord to your vehicle's cigarette lighter socket. The power cord features an on/off button for convenient control.



Figure 4.1: Easy installation steps for the Yakry Y25 system. Step 1 involves connecting the monitor to the cigarette lighter. Step 2 shows connecting the camera tail wire to the backup light wires using T-taps clips. License plate lights and tail lights are also viable options for power.



Figure 4.2: The 1080P monitor supports two channels, allowing for the addition of a second camera (e.g., RV cam or front camera) to eliminate blind spots and improve driving safety. The image illustrates its use for driving, reversing, and watching trailer hitches.

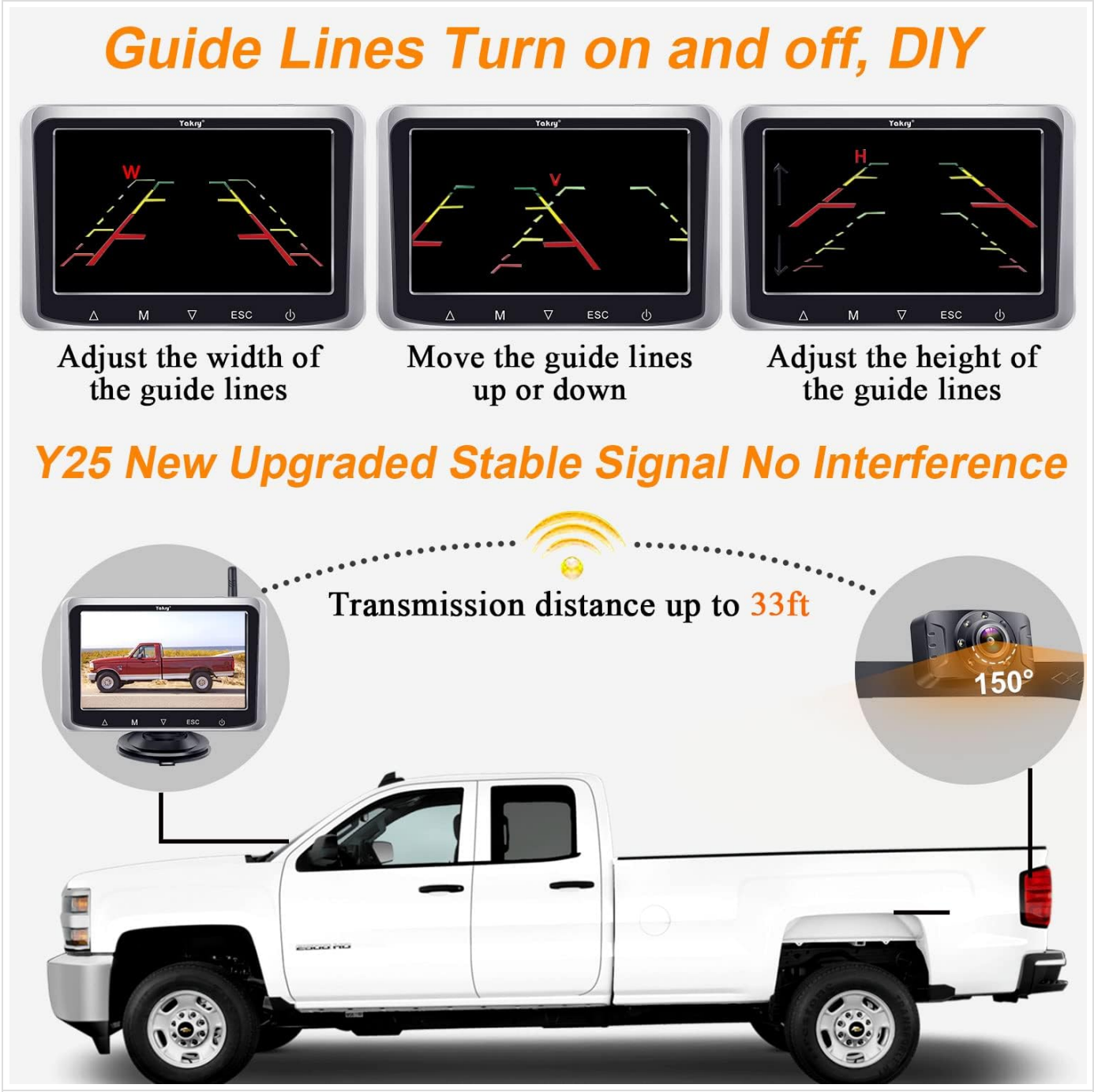


Figure 4.3: The system allows for customization of guide lines, including adjusting their width, moving them up or down, and adjusting their height to suit different vehicle types and preferences. The Y25 features upgraded stable signal with no interference, supporting a transmission distance of up to 33ft.

5. Operating Instructions

Once installed, the Yakry Y25 system is designed for intuitive operation:

- **Power On/Off:** Use the red button on the cigarette lighter adapter to turn the monitor on or off.
- **Automatic Activation:** If wired to the reverse lights, the camera and monitor will automatically activate when the vehicle is shifted into reverse.
- **Continuous Use:** If wired to a continuous 12V power source, the system will remain active, providing a constant rear view for driving.
- **Guide Lines:** The monitor displays adjustable guide lines to assist with parking and reversing. These lines can be customized (DIY) to match your vehicle's width and your preference.
- **Split Screen Function:** If a second camera is added, the monitor supports a split-screen display, allowing you to view

feeds from both cameras simultaneously.



Figure 5.1: The camera provides HD 1080P images during the daytime with an upgraded sensor for clear visuals. It also offers clear night vision with 100% brightness at night, ensuring visibility in low-light conditions.

6. Maintenance

To ensure the longevity and optimal performance of your Yakry Y25 system:

- **Regular Cleaning:** Keep the camera lens and monitor screen clean from dirt, dust, and debris. Use a soft, damp cloth for cleaning. Avoid abrasive cleaners.
- **Wiring Inspection:** Periodically check all wiring connections for any signs of wear, corrosion, or looseness. Secure any loose connections.
- **Weather Protection:** While the camera is IP69K waterproof, extreme weather conditions can still impact performance. Ensure the camera is securely mounted to withstand vibrations and environmental elements.



Figure 6.1: The camera boasts an IP69K waterproof rating, ensuring full protection against high-pressure, high-temperature water jets and dust, making it suitable for all weather conditions.

7. Troubleshooting

If you encounter issues with your Yakry Y25 system, refer to the following common problems and solutions:

- **No Image on Monitor:**
  - Ensure all power connections are secure and the monitor's power button is on.
  - Verify the camera is receiving power.
  - Check for any signal interference. Digital wireless technology is designed to be stable, but extreme electromagnetic interference can occur.
- **Flickering or Unstable Image:**
  - Check the antenna connection on the monitor.
  - Ensure there are no large metal obstructions directly between the camera and the monitor that could block the wireless signal.

- Verify the power supply is stable (12V).

- **Guide Lines Not Displaying/Adjusting:**
  - Refer to the specific instructions in the included manual for adjusting or toggling guide lines, as this often involves specific button presses on the monitor.

- **Poor Night Vision:**
  - Ensure the camera lens is clean.
  - Verify there are no obstructions blocking the camera's view in low light.

8. Warranty and Support

Yakry is committed to providing high-quality products and excellent customer service.

- **Warranty:** The Yakry Y25 Wireless Backup Camera System comes with a 3-year warranty.
- **Replacement Service:** Enjoy a 2-Year Replacement Service for your product.
- **Money-Back Guarantee:** A 30-Day Money-Back Guarantee is provided for each system.
- **Technical Support:** Yakry offers Lifetime Technical Support. For any issues or inquiries, please contact customer service.

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