Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Yakry Y01

Yakry Y01 Magnetic Wireless Backup Camera System User Manual

Model: Y01 | Brand: Yakry

1. Introduction

The Yakry Y01 Magnetic Wireless Backup Camera System is designed to provide enhanced visibility and safety for various vehicles, including cars, trucks, campers, and small RVs. Featuring a 7-inch monitor and a magnetic, solar-powered camera, this system offers quick installation and a range of intelligent functions for a convenient and secure driving experience.



The Yakry Y01 system includes a 7-inch monitor and a magnetic wireless backup camera, designed for easy setup and clear visibility.

Key Features:

- **1-Minute Easy Installation:** Features a super strong magnetic bracket for quick attachment to metal surfaces.
- **Intelligent One-Key Wake-up and Turn Off Monitor:** Allows manual or automatic display control for convenience and energy saving.
- **Stable Signal and Transmission Range:** Utilizes advanced optical chip and frequency hopping technology for reliable signal up to 36ft.
- **DVR Loop Recording:** Records high-quality video while driving, saving important clips in case of incidents.
- **Color Day and Night Vision HD 1080P Image:** AI-ISP technology provides clear 1080P images with a 170° wide field of view.
- **Solar Panel Powered or USB Charging:** Built-in large-capacity battery with integrated solar panel for efficient charging, also supports USB charging.
- **IP69 Waterproof:** Camera is designed to withstand harsh weather conditions.



An overview of the Y01's key features, including HD 1080P, solar power, USB power, split screen, magnetic installation, 170° wide view, color night vision, record function, 1-minute installation, and IP69 waterproof rating.

2. What's in the Box

Please verify that all components are present and in good condition upon opening the package.

- 1x Wireless Backup Camera
- 1x USB Power Cable
- 1x 7 Inch Monitor & Magnetic Bracket
- 1x Cigarette Lighter Adapter
- 2x Antennas



The package contains the wireless backup camera, 7-inch monitor with magnetic bracket, USB power cable, cigarette lighter adapter, and two antennas.

3. Setup and Installation

3.1 Camera Installation

The wireless backup camera features a strong magnetic bracket for quick and secure attachment. Ensure the mounting surface is clean and metallic for optimal adhesion.

1. **Charge the Camera:** Before first use, fully charge the camera using the provided USB cable. The solar panel will help maintain the charge during operation.
2. **Attach Antenna:** Screw the antenna firmly onto the camera's designated port.

3. **Mount Camera:** Place the camera with its magnetic bracket onto a suitable metal surface at the rear of your vehicle. The soft rubber material at the bottom protects the vehicle's surface.



Step 1: Attach the camera using its strong magnetic bracket. Step 2: Connect the monitor to a cigarette lighter or USB port.



The backup camera features a magnetic bracket for easy installation and a built-in rechargeable battery for long standby time.

3.2 Monitor Installation

The 7-inch monitor can be installed on your dashboard or windshield using the provided magnetic bracket.

1. **Attach Antenna:** Screw the antenna firmly onto the monitor's designated port.
2. **Mount Monitor:** Secure the monitor to your preferred location on the dashboard or windshield using its suction cup mount.
3. **Power Connection:** Connect the monitor to your vehicle's power source using either the cigarette lighter adapter or a USB port.





The monitor can be installed on the dashboard or windshield, depending on user preference and vehicle layout.

3.3 Initial Pairing

The camera and monitor are typically pre-paired from the factory. If they do not connect automatically, refer to the troubleshooting section or the full user manual for pairing instructions.

4. Operating Instructions

4.1 Powering On/Off the Monitor

The monitor can be turned on or off manually or automatically.

- **Manual Mode (Hand Sensing):** Simply wave your hand in front of the monitor's sensor to turn the display on or off.

- **Automatic Mode:** The system can be set to automatically turn off the display after 45, 60, or 90 seconds following reversing use. This feature conserves energy and extends the system's lifespan.



The monitor supports intelligent hand sensing for manual on/off control, and can also be set to turn off automatically after a set duration.



The upgraded hand sensing feature allows screen control by touch or wave, with options to set automatic turn-off times (30s, 45s, 60s, 90s) to save power.

4.2 DVR Loop Recording

The Y01 system includes a recording function to capture video footage while driving. An SD card (not included) is required for this feature.

- **Insert SD Card:** Locate the SD card slot on the monitor and insert a compatible memory card (up to 128GB supported).
- **Automatic Recording:** Once an SD card is inserted, the system will automatically begin loop recording when powered on.
- **Event Recording:** In case of an accident or collision, the system will save relevant video clips separately to preserve evidence.





The system records every moment, saving video clips to an inserted SD card. This feature is useful for documenting driving events.



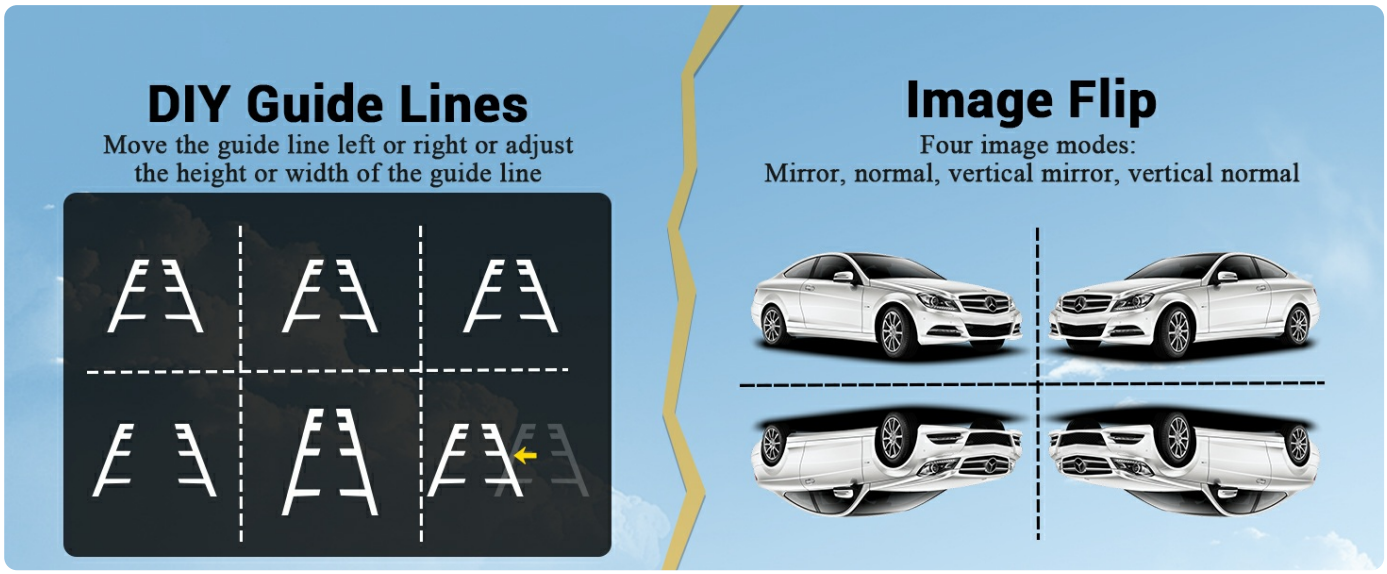
The 7-inch monitor has a built-in recording function, supporting up to 128GB memory cards for video playback and export.

4.3 Display Modes and Settings

- **Split Screen:** The Y01 system supports two channels, allowing for the addition of a second backup camera (sold separately) for split-screen monitoring.
- **DIY Guidelines:** Customize parking guidelines by adjusting their position, height, or width on the display.
- **Image Flip:** The monitor offers four image modes: mirror, normal, vertical mirror, and vertical normal, to suit various mounting orientations and preferences.
- **170° Wide View:** The camera provides a 170° ultra-wide horizontal viewing angle, covering multiple lanes, and can be adjusted 80° vertically.
- **Day/Night Vision:** Equipped with AI-ISP technology and a color CMOS sensor, the camera delivers clear 1080P images in both daylight and low-light conditions.



The wireless backup camera system supports two channels, allowing for full screen or split screen display with an optional second camera.



Customize your parking experience with DIY guide lines, allowing adjustment of line position, height, and width. The monitor also supports four image flip modes: mirror, normal, vertical mirror, and vertical normal.



The camera provides a 170° ultra-wide horizontal viewing angle, which can also be adjusted 80° vertically, offering a comprehensive view for parking and maneuvering.



The Y01 camera provides clear and colorful HD 1080P images in both daytime and nighttime conditions, ensuring high visibility.

5. Maintenance and Care

5.1 Charging the Camera

The camera features an integrated solar panel for continuous charging and a built-in large-capacity battery. For optimal performance, ensure the solar panel is exposed to sunlight when possible.

- **Solar Charging:** The solar panel on the camera will charge the internal battery when exposed to sunlight.
- **USB Charging:** If solar charging is insufficient (e.g., during cloudy weather or extended indoor storage), easily remove the camera and charge it via the provided USB cable.



The camera can be charged via its integrated solar panel, a wall socket using the USB cable, or a vehicle's USB port.

5.2 Weather Resistance

The camera is designed with IP69 waterproof rating, making it resistant to high-pressure, high-temperature water jets, dust, and extreme temperatures.

- **Temperature Range:** Operates effectively in temperatures ranging from -22°F to 176°F.
- **Durability:** Designed to be dustproof, anti-lightning, and shockproof.



The camera boasts an IP69 waterproof rating, ensuring durability against extreme temperatures, dust, lightning, and shocks.



The camera is built to be IP69 waterproof, windproof, and dustproof, ensuring reliable performance in diverse environmental conditions.

5.3 Cleaning

To ensure clear image quality, periodically clean the camera lens and monitor screen with a soft, damp cloth. Avoid using abrasive cleaners or solvents.

6. Troubleshooting

If you encounter issues with your Yakry Y01 system, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	Monitor not powered on; Camera battery low; Signal interference; Camera not paired.	Check power connection to monitor; Charge camera battery; Reduce interference sources; Re-pair camera and monitor (refer to full manual).
Image flickering or unstable	Weak signal; Obstructions between camera and monitor; Electromagnetic interference.	Ensure antennas are securely attached; Reposition camera/monitor for clearer line of sight; Move away from strong electronic devices.
Recording not working	No SD card inserted; SD card full or corrupted; Incorrect SD card format.	Insert a compatible SD card; Format the SD card (refer to monitor settings); Use a new SD card if corrupted.
Camera not charging via solar	Insufficient sunlight; Solar panel dirty or obstructed.	Ensure direct sunlight exposure; Clean the solar panel regularly; Use USB charging if solar is not viable.

For more detailed troubleshooting or issues not listed here, please refer to the complete user manual or contact Yakry customer support.

7. Specifications

Feature	Detail
Model Number	Y01
Product Dimensions	9 x 5.9 x 3.3 inches
Item Weight	2.48 pounds
Screen Size	7 Inches
Display Technology	LCD

Feature	Detail
Video Capture Resolution	1080p
Optical Sensor Technology	CMOS
Lens Type	Wide Angle (170°)
Voltage	12 Volts
Batteries	2 Lithium Ion batteries (included)
Waterproof Rating	IP69
Transmission Range (on vehicle)	Up to 36ft effective distance
Max SD Card Support	128GB



The system offers an effective transmission distance of 36ft on a vehicle and up to 495ft in open environments.

8. Warranty and Support

Yakry products are designed for reliability and performance. This product comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official Yakry website.

Customer Support:

If you require technical assistance, have questions about your product, or need to claim warranty service, please contact Yakry customer support through the following channels:

- **Email:** Refer to your product packaging or the official Yakry website for the most current support email address.
- **Online Resources:** Visit the Yakry official website for FAQs, updated manuals, and video tutorials.

Please have your product model number (Y01) and purchase information ready when contacting support to ensure

prompt service.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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

Open the live page

https://manuals.plus/asin/B0CJTZQRP7

More documents and user manuals: **https://manuals.plus/**