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› [ZEROXCLUB BD701 Magnetic Solar Wireless Backup Camera System User Manual](#)

ZEROXCLUB BD701

ZEROXCLUB BD701 Magnetic Solar Wireless Backup Camera System User Manual

Model: BD701

1. INTRODUCTION

The ZEROXCLUB BD701 Magnetic Solar Wireless Backup Camera System is designed to enhance safety and convenience for various vehicles, including RVs, campers, trailers, trucks, and cars. This system features a 1080P high-definition camera with a magnetic base for easy installation, a 7-inch IPS monitor, and a built-in 9600mAh rechargeable battery with solar charging capabilities. It provides a clear view of the area behind your vehicle, assisting with reversing, towing, and general awareness.

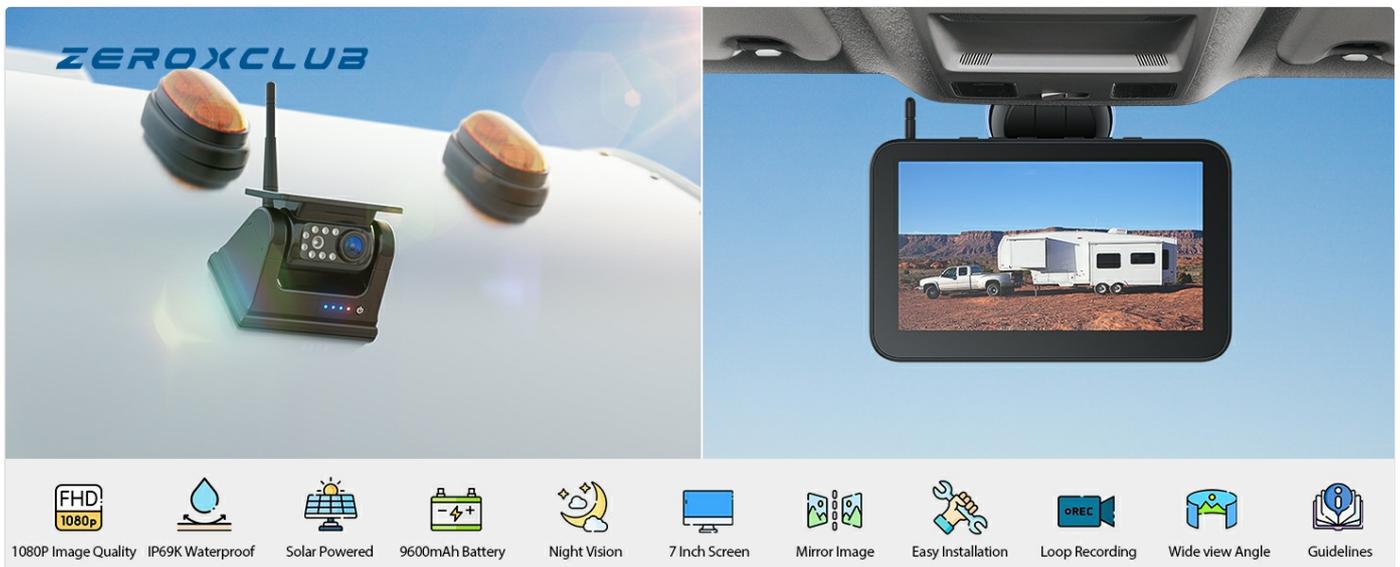


Image 1.1: Overview of the ZEROXCLUB BD701 system, showing the solar camera and 7-inch IPS monitor displaying a split view of a road and an RV.

2. PACKAGE CONTENTS

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

- 7-inch IPS Monitor (with built-in 32GB memory card)
- Solar Camera
- Suction Cup Mount
- User Manual
- USB Wall Charger

- Car Charger
- Antenna (x2)
- USB Charging Cable (Type-C)
- USB Power Cable for Monitor



Image 2.1: Visual representation of the package contents, including the 7-inch screen, solar camera, suction cup mount, user manual, various charging cables, and antennas.

3. KEY FEATURES

- **Magnetic Base:** Effortlessly attach the camera to any metal surface without drilling.
- **Solar Rechargeable Battery:** Built-in 9600mAh battery with an integrated solar panel for continuous recharging during daylight.
- **1080P Resolution & DVR Loop Recording:** Provides clear 1080P video feed and supports automatic loop recording with a 32GB memory card (expandable to 128GB).
- **Easy Installation:** Two-step installation process requiring no complex wiring.
- **Digital Strong Stable Signal:** Built-in signal booster for reliable transmission up to 328 feet (unobstructed) or 36-50 feet in continuous vehicle use.
- **7-inch IPS Monitor:** Large, clear display with IPS technology for enhanced image clarity and comfortable viewing.
- **IP69K Waterproof:** Camera is designed to withstand harsh weather conditions, including rain, snow, and extreme temperatures (-4°F to 158°F).
- **Enhanced Night Vision:** Superior infrared night vision allows for clear viewing in low-light conditions.

4. SETUP AND INSTALLATION

4.1 Attaching the Camera

1. Identify a suitable metal surface on the rear of your vehicle (e.g., RV, trailer, truck) where the camera can be securely attached.
2. Ensure the surface is clean and free of debris.
3. Attach the camera using its strong magnetic base. The base includes a protective rubber layer to prevent scratches to your vehicle's paint.
4. Adjust the camera angle as needed to achieve the desired viewing area.

Note: For non-magnetic surfaces (e.g., fiberglass, aluminum, stainless steel), a metal mounting plate (not included) will be required for attachment.

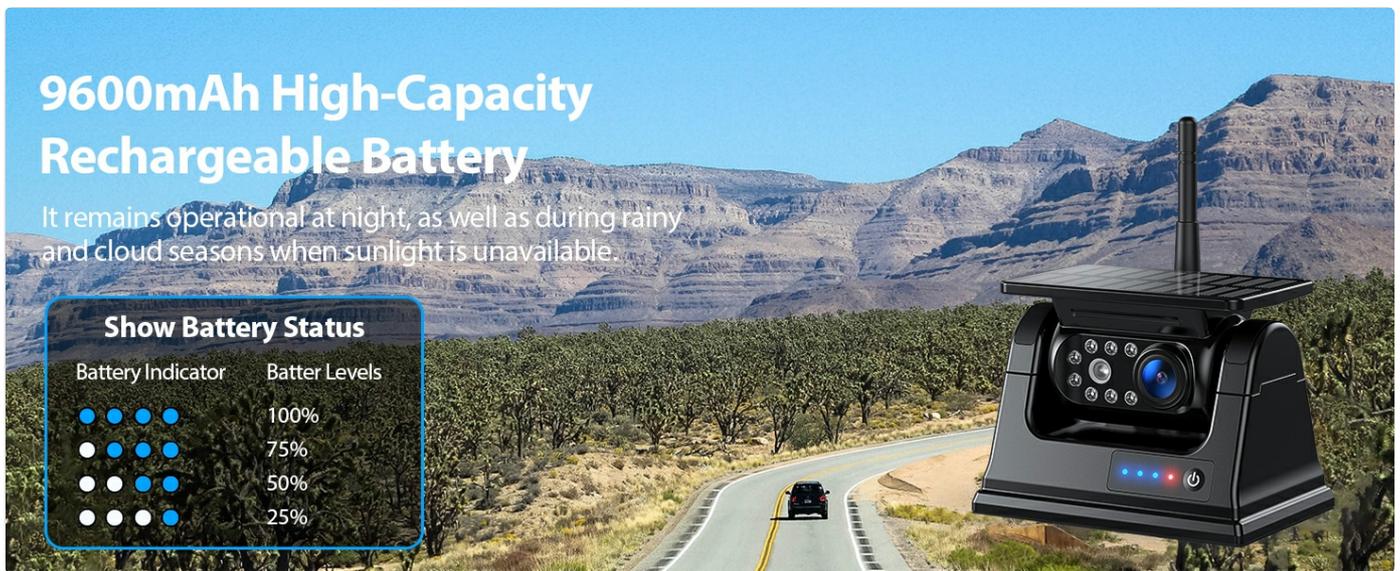


Image 4.1: Step-by-step illustration of attaching the magnetic camera to a metal surface and plugging in the monitor.

4.2 Mounting and Powering the Monitor

1. Mount the 7-inch monitor to your dashboard or windshield using the provided suction cup mount.
2. Connect the monitor to a power source using either the cigarette lighter adapter or the USB power cable.
3. The system is plug-and-play; the camera and monitor should automatically link.

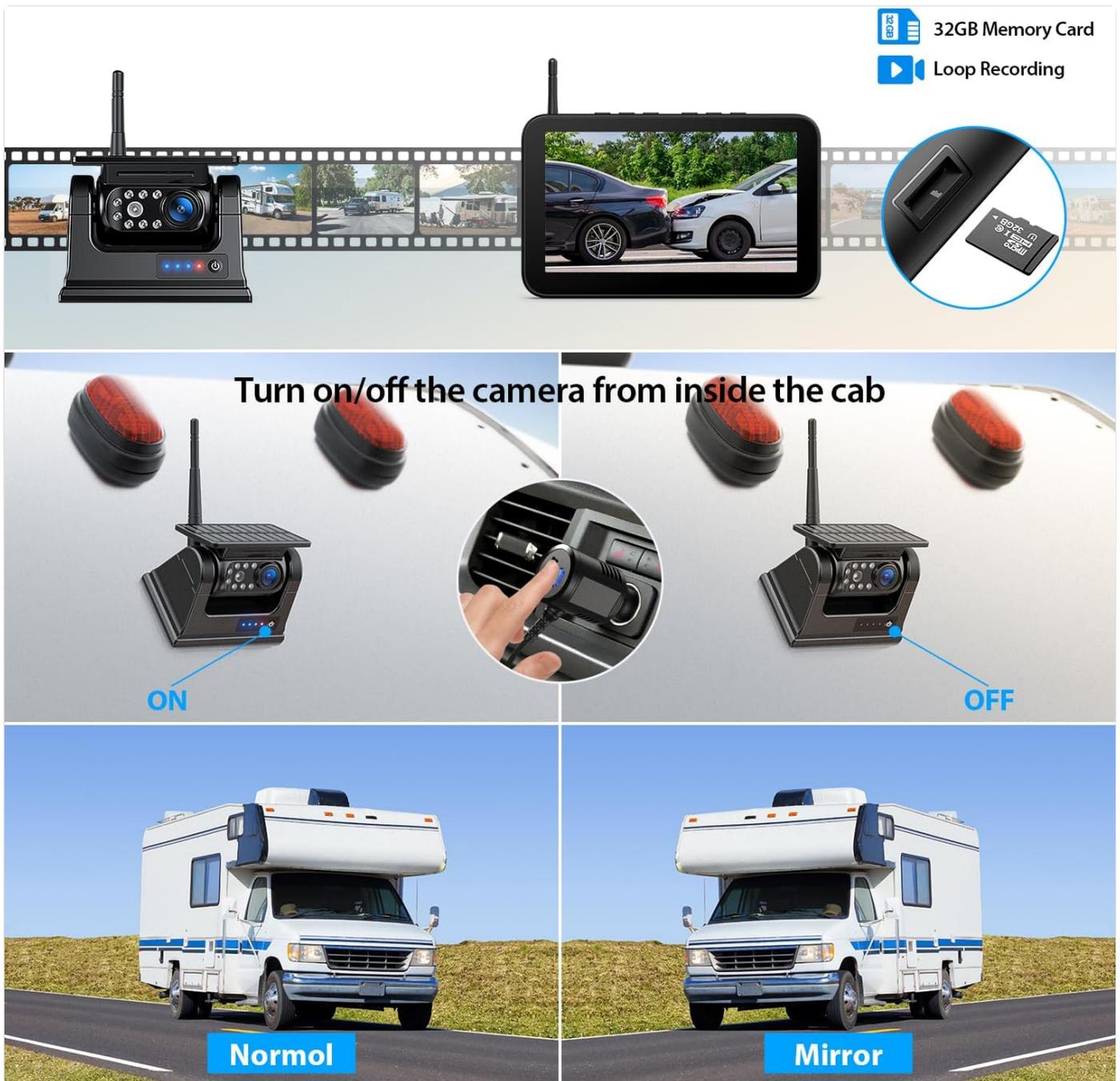


Image 4.2: The monitor can be powered using a USB cable or by plugging the car charger into the cigarette lighter socket.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the system, ensure the monitor is connected to a power source and the camera is charged. The camera can be turned on or off from inside the cab by simply powering the monitor on or off. This feature helps conserve camera battery life.

5.2 Monitor Functions

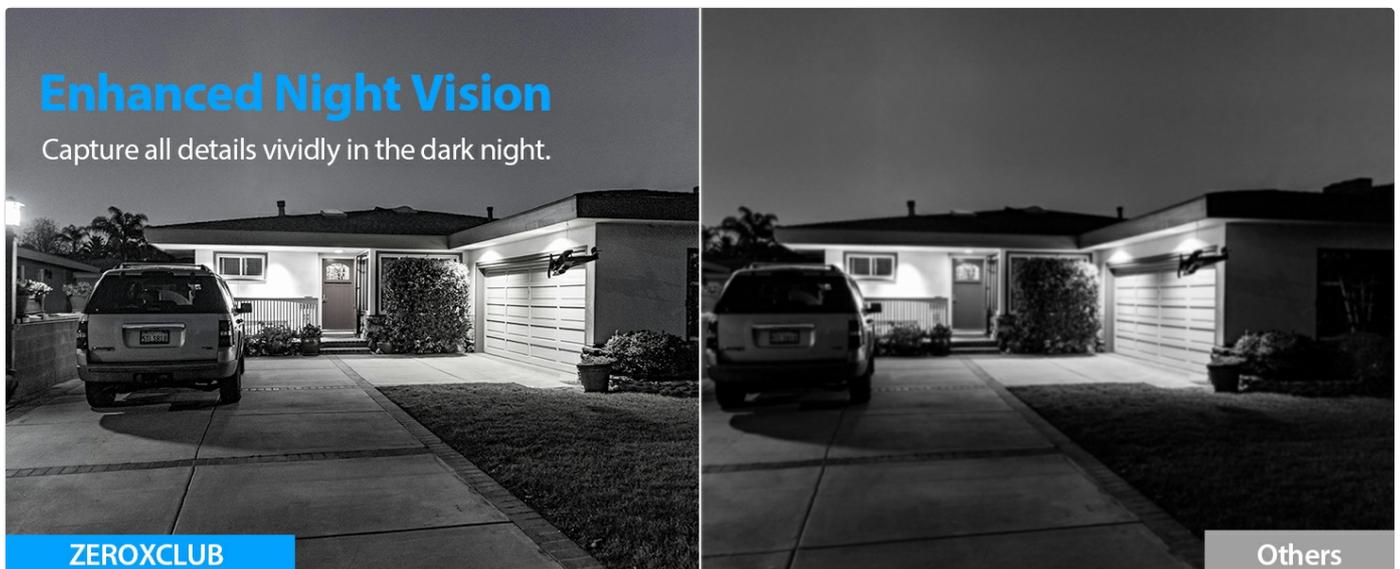
- **Single/Dual View:** The 7-inch monitor supports up to two cameras, allowing for single or dual-view display. Use the channel switch button to toggle between views if you have multiple cameras.
- **Adjustable Guide Lines:** Customize the width and position of the parking guide lines on the monitor to assist with accurate reversing.
- **Image Flip:** The monitor allows you to flip the camera image (Normal, Mirror, Inverted Front, Inverted Mirror) to suit your preference and mounting orientation.



Longer Working Time

It can work continuously for a long time with a full charge.

Image 5.1: The monitor supports full or split-screen views, features a strong magnetic base for the camera, and offers adjustable guide lines for parking assistance.



Enhanced Night Vision

Capture all details vividly in the dark night.

Image 5.2: The monitor allows for normal, mirror, inverted front, and inverted mirror image orientations.

5.3 DVR Loop Recording

The system supports DVR loop recording. When the included 32GB memory card is full, the system will automatically overwrite the oldest footage, ensuring continuous recording. The memory card can be expanded up to 128GB.



Image 5.3: The loop recording feature automatically overwrites the oldest video files when the memory card reaches its capacity.

5.4 Night Vision

The camera is equipped with superior infrared night vision, allowing it to capture clear and detailed images in dark conditions without compromise.



Image 5.4: The camera's superior night vision provides clear visibility in dark environments.

6. CHARGING THE CAMERA

The camera features a built-in 9600mAh rechargeable battery that can be charged via two methods:

- **Solar Charging:** The integrated solar panel continuously recharges the battery during daylight hours, reducing the need for external charging.
- **Type-C Charging:** Use the included Type-C charging cable and USB wall charger or a power bank for direct charging.

The battery indicator lights on the camera show the current charge level (100%, 75%, 50%, 25%). The camera is designed to remain operational at night and during cloudy conditions when solar energy is limited.



Image 6.1: The camera can be charged via its solar panel or directly using a Type-C cable with a wall charger or power bank.



Image 6.2: The camera features a 9600mAh high-capacity rechargeable battery with a battery indicator to show charge levels.

7. SIGNAL TRANSMISSION

The system utilizes a digital strong stable signal with a built-in signal booster receiver for fast and reliable transmission. The open unobstructed transmission range can reach up to 328 feet. For continuous use on a vehicle, the transmission distance is approximately 36 feet, and for reversing, it is approximately 50 feet. This range is sufficient for most vehicles, including cars, trucks, pickups, campers, SUVs, trailers, and minivans.

Easy to Install

It does not require any professional skills at all and complete DIY installation can save a lot of labor costs.



Image 7.1: The system provides stable signal transmission without interference, with an unobstructed range of 328ft and effective ranges for continuous vehicle use and reversing.

8. MAINTENANCE

To ensure optimal performance and longevity of your ZEROXCLUB BD701 system, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners that could scratch surfaces.
- **Battery Care:** For extended storage, ensure the camera battery is charged to at least 50%. Recharge periodically if stored for long durations.
- **Magnetic Base:** Periodically check the magnetic base for any debris that might affect its adhesion or scratch the vehicle

surface.

- **Cable Connections:** Ensure all cable connections are secure and free from damage.

9. TROUBLESHOOTING

If you encounter issues with your ZEROXCLUB BD701 system, please refer to the following common troubleshooting steps:

- **No Image on Monitor:**

- Ensure the monitor is properly powered and turned on.
- Check if the camera is powered on and has sufficient battery charge.
- Verify that the camera and monitor are paired. If not, refer to the pairing instructions in the full user manual (if applicable).
- Ensure there are no significant obstructions between the camera and monitor that could interfere with the wireless signal.

- **Poor Image Quality:**

- Clean the camera lens and monitor screen.
- Ensure the camera is securely mounted and not vibrating excessively.
- Check for strong electromagnetic interference sources nearby.

- **Camera Not Charging:**

- For solar charging, ensure the solar panel is exposed to direct sunlight.
- For Type-C charging, verify the cable and charger are working correctly and properly connected.

- **DVR Recording Issues:**

- Ensure the memory card is properly inserted.
- Check if the memory card is full; loop recording should automatically overwrite old files, but a faulty card could prevent this. Try formatting the card or using a new one.

10. SPECIFICATIONS

Product Dimensions	6.26 x 0.39 x 3.11 inches (Monitor)
Item Weight	3.39 pounds
Battery	1 Lithium Ion battery required (included), 9600mAh
Connectivity Technologies	Wi-Fi (Wireless)
Special Features	Magnetic Base, Solar Charging, DVR Loop Recording, Night Vision, IP69K Waterproof
Display Technology	LCD (IPS)
Screen Size	7 Inches
Installation Type	Surface Mount
Voltage	12 Volts
Lens Type	Wide Angle
Real Angle of View	120 Degrees

Manufacturer	ZEROXCLUB
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11. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your ZEROXCLUB BD701 system, please contact ZEROXCLUB customer service. You can typically find contact details in the packaging or on the official ZEROXCLUB website. For direct technical support, you may also contact susanying@hotmail.com.