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yuwei B0C2YL6GYC

Yuwei Backup Camera System User Manual

Model: B0C2YL6GYC

1. INTRODUCTION

Thank you for choosing the Yuwei Backup Camera System. This manual provides detailed instructions for the installation, operation, and maintenance of your new backup camera system. This system is designed to enhance your vehicle's rear visibility, aiding in safer reversing and parking maneuvers. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

2. PACKAGE CONTENTS

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

- 4.3-inch LCD Monitor
- Backup Camera (with license plate bracket)
- Power Cord for Monitor
- Power Cord for Camera
- Suction Cup Bracket for Monitor
- Butterfly Type Bracket (for alternative camera mounting)
- AV Signal Line (Video Cable)
- Wire Clasps and Screws
- User Manual (this document)



Box Include



Monitor



Camera



Power cord



Suction Cup Bracket



Butterfly Type Bracket (For Free)



AV signal line



Wire Clasp



User Manual

This image displays the complete contents of the Yuwei Backup Camera System package, including the monitor, camera, power cords, mounting brackets, AV signal line, wire clasps, and user manual.

3. PRODUCT FEATURES

The Yuwei Backup Camera System offers several key features designed for reliability and performance:

- **4.3-inch LCD Monitor:** Provides a clear display for viewing the camera feed. Equipped with a magnetic bracket for 360-degree rotation and flexible mounting on the dashboard or windshield.
- **IP69K Waterproof Camera:** High-performance camera with an IP69K rating, ensuring resistance to water and dust ingress.
- **Enhanced Night Vision:** Features 5 LEDs and 6 glass lenses for improved visibility in low-light conditions, providing a clear color image at night.
- **Wide 149-Degree Viewing Angle:** Captures a broad area behind your vehicle, minimizing blind spots.
- **Durable Construction:** Zinc metal material, anti-vibration, and anti-corrosion properties ensure longevity in various environmental conditions.
- **Temperature Resistance:** Operates effectively in temperatures ranging from -20°C (-4°F) to 70°C (158°F).



This diagram shows the broad 149-degree field of view provided by the backup camera, enhancing visibility behind the vehicle.

Product size



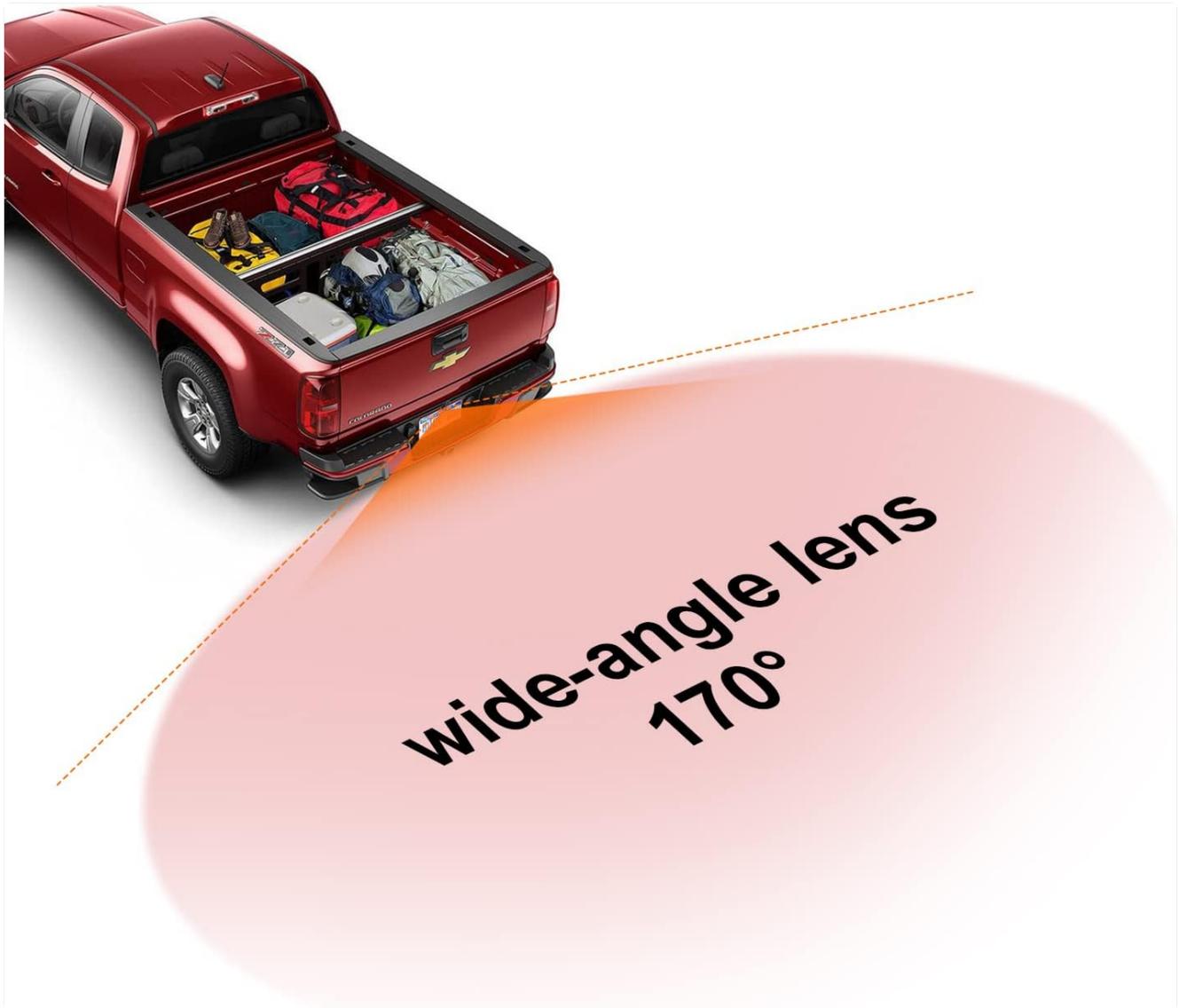
This image highlights the camera's robust design, featuring IP69K waterproofing, resistance to temperatures from -20°C to 70°C, and anti-vibration/anti-corrosion properties, making it suitable for various harsh environments.

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your backup camera system. Follow these steps carefully:

4.1 Camera Installation

- Mounting:** The camera is typically mounted using the provided license plate bracket. Secure the camera to the top or bottom of your vehicle's license plate using the existing license plate screws or the included screws. Ensure the camera has a clear, unobstructed view. An alternative butterfly bracket is provided for other mounting options if preferred.
- Wiring:** Connect the camera's red power wire to a 12V DC power source. For automatic activation when reversing, connect it to your vehicle's reverse light power wire. For continuous use, connect it to a constant 12V source (e.g., fuse box or cigarette lighter/power point/ignition switch). Connect the camera's black wire to a reliable ground point on the vehicle chassis.



This image shows the backup camera being mounted onto a license plate bracket, illustrating the typical installation method for the camera unit.

4.2 Monitor Installation

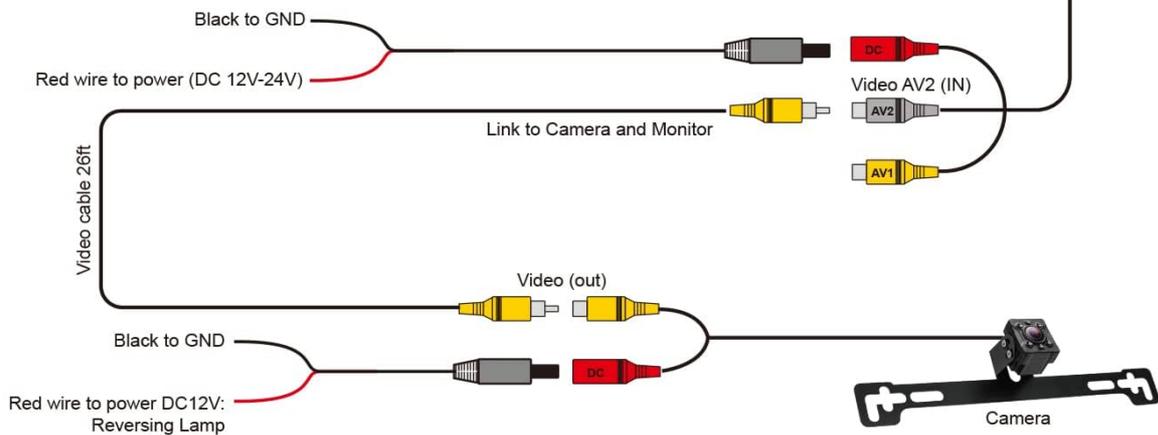
1. **Mounting:** Attach the 4.3-inch LCD monitor to your dashboard or windshield using the magnetic suction cup bracket. Adjust the bracket to achieve the desired viewing angle. The magnetic bracket allows for 360-degree rotation.
2. **Wiring:** Connect the monitor's power cord to a 12V DC power source in your vehicle (e.g., cigarette lighter socket or fuse box). Connect the monitor's black wire to ground.

4.3 Connecting Camera to Monitor

Use the provided AV signal line (video cable) to connect the video output from the camera to the video input (AV1 or AV2) on the monitor. Ensure all connections are secure.



Product installation



This diagram illustrates the wiring connections for installing the Yuwei Backup Camera System. It shows how to connect the camera and monitor to a 12V power source (e.g., reverse lights or fuse box) and ground, using the provided video cable.

5. OPERATING INSTRUCTIONS

Once installed, operating the Yuwei Backup Camera System is straightforward:

- 1. Automatic Activation (Reverse Gear):** If the camera is wired to your vehicle's reverse lights, the monitor will automatically display the camera feed when you shift into reverse gear.
- 2. Continuous Use:** If the camera is wired to a constant 12V power source, the monitor can be turned on manually to display the camera feed at any time.
- 3. Monitor Adjustment:** Use the magnetic bracket to adjust the monitor's position and angle for optimal viewing while driving.

6. MAINTENANCE

To ensure the longevity and clear performance of your Yuwei Backup Camera System, follow these maintenance tips:

- **Clean the Camera Lens:** Regularly wipe the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view. Avoid abrasive cleaners.

- **Clean the Monitor Screen:** Use a soft, lint-free cloth to clean the monitor screen. For stubborn smudges, a screen cleaner designed for electronics can be used.
- **Check Connections:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion.
- **Avoid Extreme Temperatures:** While the system is designed for temperature resistance, prolonged exposure to extreme heat or cold when not in use may affect performance.

7. TROUBLESHOOTING

If you encounter issues with your Yuwei Backup Camera System, refer to the following troubleshooting guide:

- **No Image on Monitor:**
 - Ensure all power connections to both the camera and monitor are secure and receiving 12V DC power.
 - Check the video cable connection between the camera and monitor. Ensure it is fully inserted into the correct AV input.
 - Verify that the vehicle's reverse lights are functioning if the camera is wired to them.
- **Distorted or Flickering Image:**
 - Check for loose video cable connections.
 - Ensure the power supply is stable and free from interference.
 - Clean the camera lens.
- **Monitor Not Turning On:**
 - Check the monitor's power connection and ensure the vehicle's ignition is on if connected to an ignition-switched power source.
 - Verify the fuse in the power circuit is intact.
- **Poor Night Vision:**
 - Ensure the camera lens is clean and free from obstructions.
 - Verify that the camera's LEDs are functioning (if visible).

If these steps do not resolve the issue, please contact customer support for further assistance.

8. SPECIFICATIONS

Product Dimensions	5.1 x 3 x 0.8 inches (Monitor)
Item Weight	1.46 pounds
Screen Size	4.3 Inches
Display Technology	LCD
Optical Sensor Technology	CMOS
Real Angle of View	149 Degrees
Voltage	12 Volts
Installation Type	Bracket Mount, Dashboard Mount, Surface Mount
Waterproof Rating	IP69K

Operating Temperature	-20°C to 70°C (-4°F to 158°F)
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9. WARRANTY AND SUPPORT

Yuwei is committed to providing reliable products and excellent customer service. We have extensive experience in car electronics and offer professional instructions and support.

This product comes with a quality warranty and replacement service. If you have any questions, require technical assistance, or need to inquire about warranty claims, please do not hesitate to contact our customer service team. We are dedicated to ensuring your satisfaction.