

YIMU K4302

YIMU K4302 Backup Camera System User Manual

Comprehensive instructions for installation, operation, and maintenance.

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1. PRODUCT OVERVIEW

The YIMU K4302 Backup Camera System is designed to enhance vehicle safety by providing a clear, wide-angle view of the area behind your vehicle. This wired system ensures stable signal transmission for reliable performance, making parking and reversing safer and simpler. It features a 4.3-inch monitor and a durable, waterproof camera with night vision capabilities.



Image: YIMU K4302 Backup Camera System with 4.3-inch monitor, showing a red pickup truck in the background.

2. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation.



Image: All components of the YIMU K4302 Backup Camera System, including camera, monitor, car charger, power cords, bracket, adhesive, screw, and tie straps.

- 1 x Camera
- 1 x Monitor (4.3-inch)
- 1 x Car Charger
- 1 x 5ft Power Cord
- 1 x 26ft Power Cable
- 1 x Bracket
- 1 x Self-adhesive adhesive
- 1 x Screw
- 1 x Tie straps

3. SETUP AND INSTALLATION

The YIMU K4302 system offers a quick and flexible installation process. Choose between two power options: connecting

to a cigarette lighter for instant use or wiring to the reversing lights for automatic activation.

3.1. Basic Connection Steps

1. **Connect Camera and Monitor:** Use the provided 4-pin video power cable to connect the camera to the monitor.
2. **Power Connection:**
 - **Option 1 (Cigarette Lighter/USB):** Plug the system into a cigarette lighter or a USB port (USB adapter not included) for continuous power. This allows manual activation of the system.
 - **Option 2 (Reversing Lights):** Link the system to your vehicle's reversing lights for automatic activation when shifting into reverse.

ONLY ONE POWER SUPPLY IS REQUIRED FOR SIMPLE INSTALLATION

Plug it in and use it don't need power the monitor and camera separately than other normal system, Make it easier for you to use

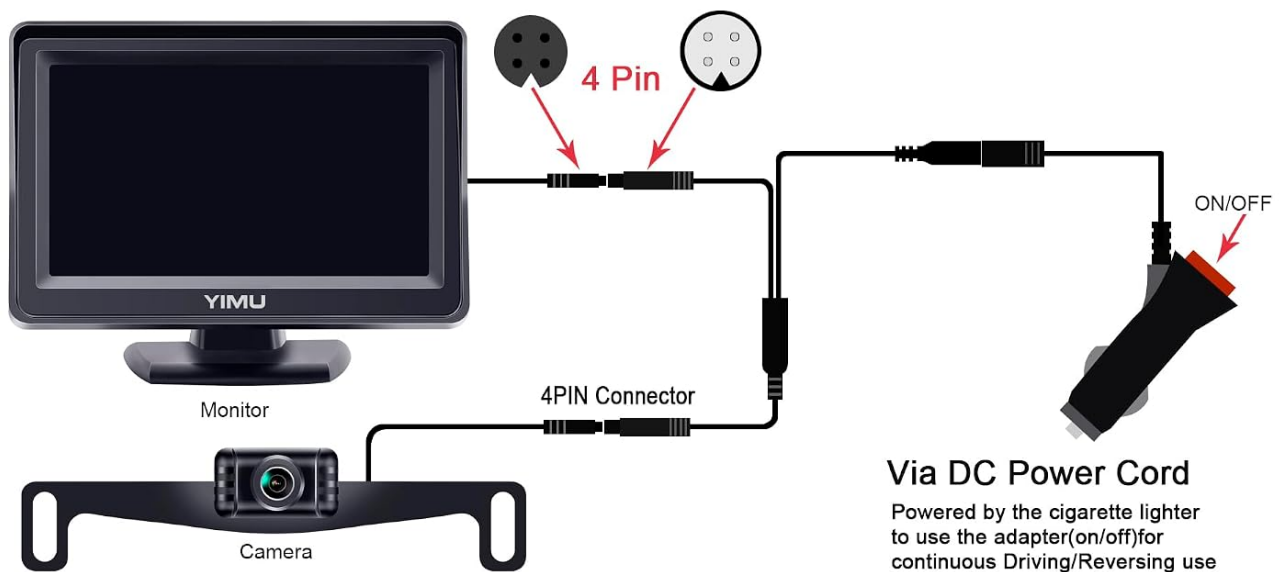
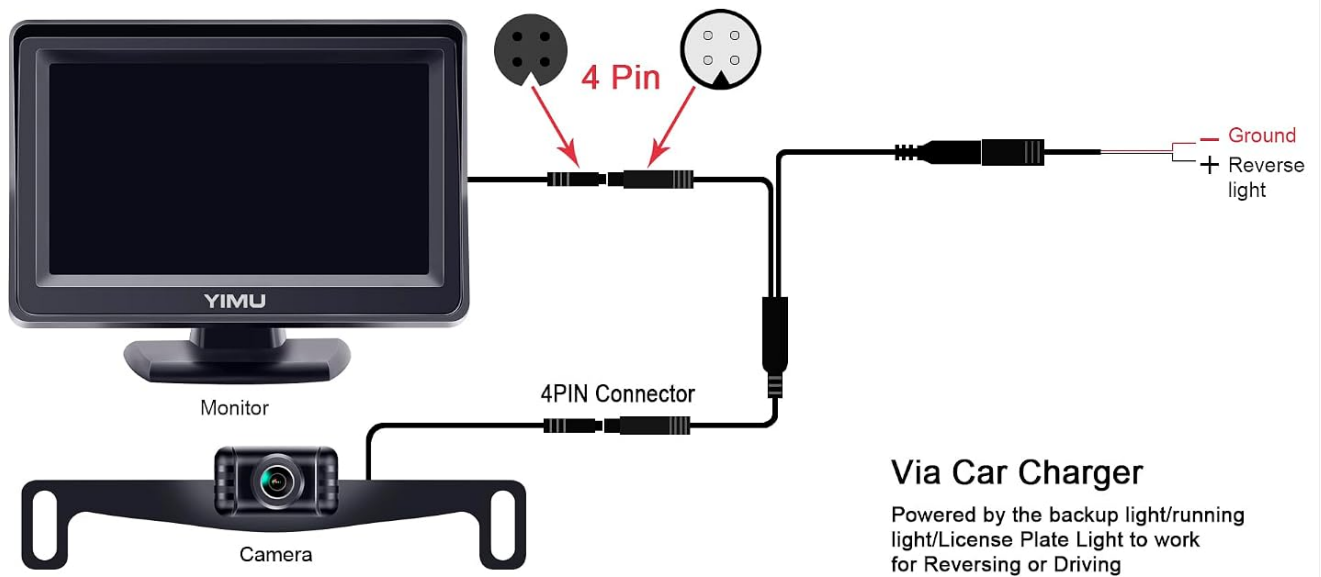


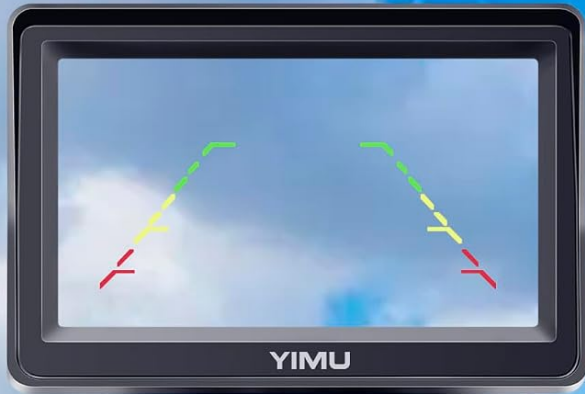
Image: Detailed wiring diagrams illustrating connections for both cigarette lighter and reverse light power options.

3.2. Camera Mounting Options

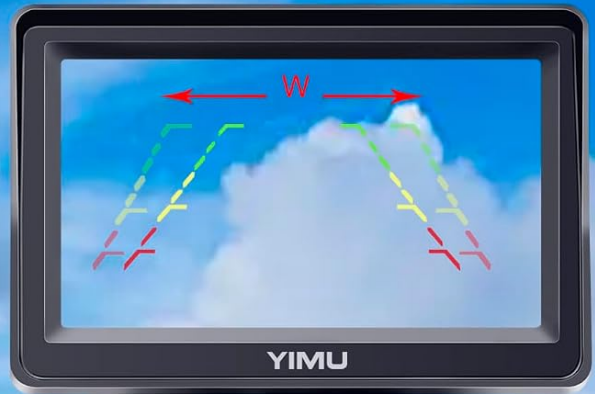
The system includes two brackets for versatile camera placement.

- **License Plate Frame:** The camera can be installed on your vehicle's license plate frame (pre-installed bracket).

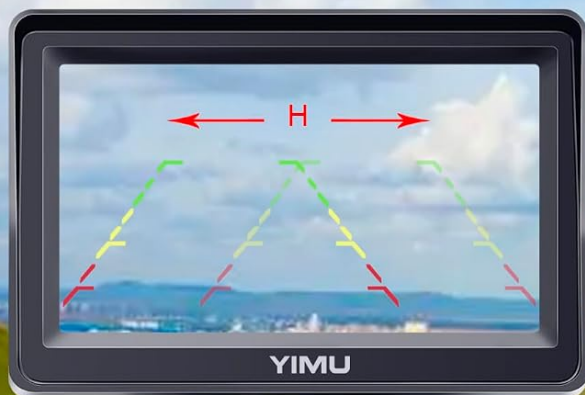
- **Alternative Mounting:** Use the small additional bracket to attach the camera to the front or side of your vehicle, or hide it behind the license plate for a more discreet look.



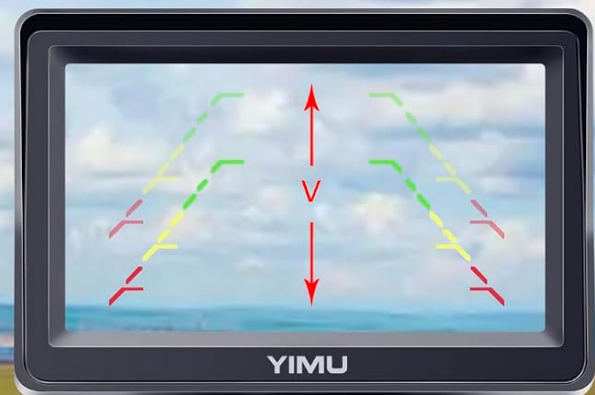
Guide Line on/off



Adjustment Width of Guide Lines



Guide Lines
Moving Left or Right



Guide Lines
Moving Up or Down

DIY GUIDE LINES

Guide Lines Moving Up or Down, Incline Adjustment and Adjusting Width

Image: Illustrations of the camera mounted in front of, behind, and on the license plate.



EASY INSTALLATION

Installed in front
of the license plate

Installed hide behind on the back of the license plate



Image: Visual guide showing the monitor fixed on the console, camera installed at the rear, connections, and monitor display.

4. OPERATION

Once installed, the YIMU K4302 system provides real-time video feedback. The monitor offers several adjustable settings to customize your viewing experience.

4.1. Adjusting Guide Lines

The parking grid lines can be customized to assist with various parking scenarios.

- **Enable/Disable:** Turn the guide lines on or off as preferred.
- **Adjust Width:** Modify the width of the guide lines.
- **Position Adjustment:** Move the guide lines left, right, up, or down to match your vehicle and parking needs.

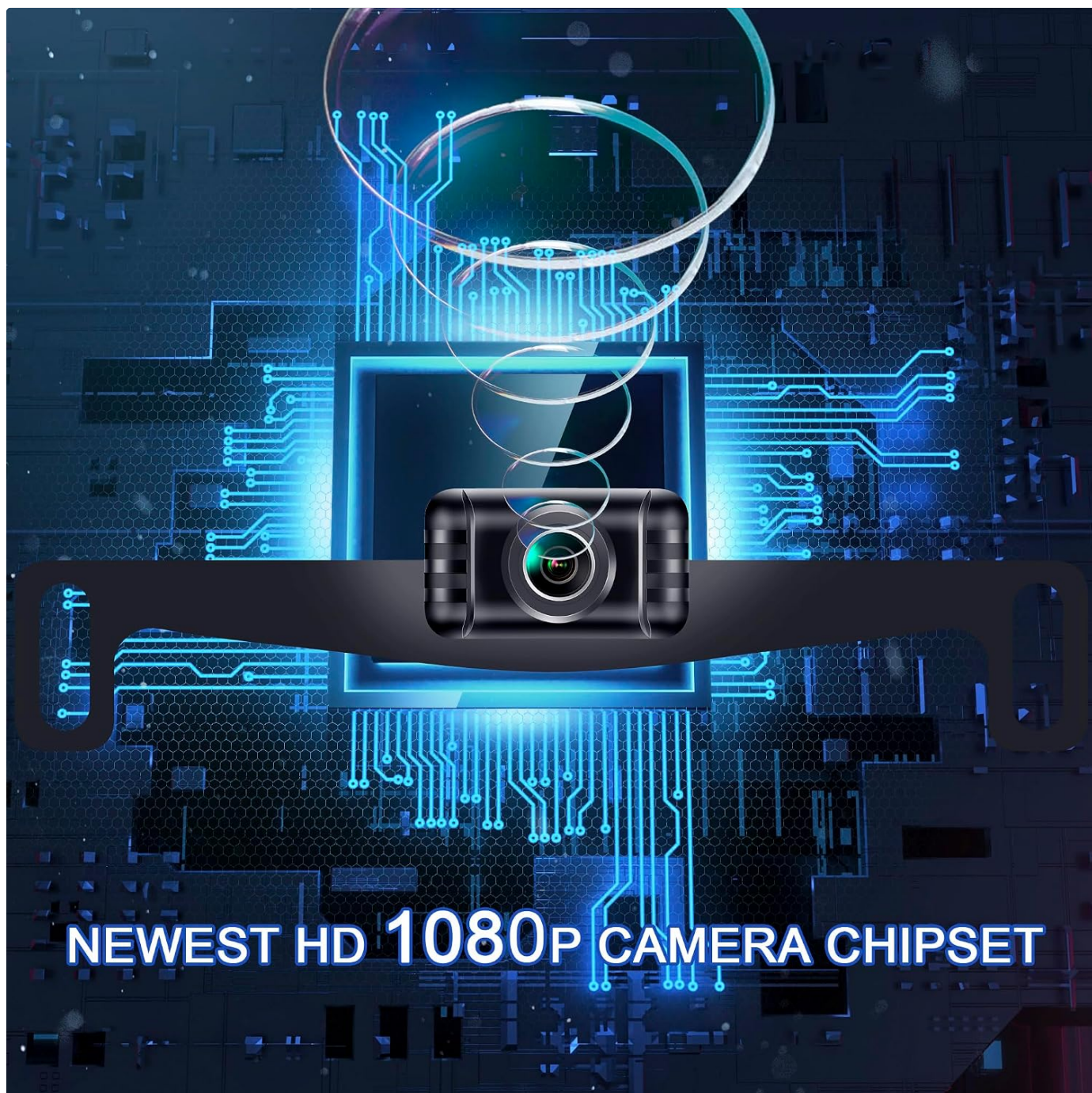


Image: Screenshots from the monitor demonstrating adjustments for guide line width, horizontal position, and vertical position.

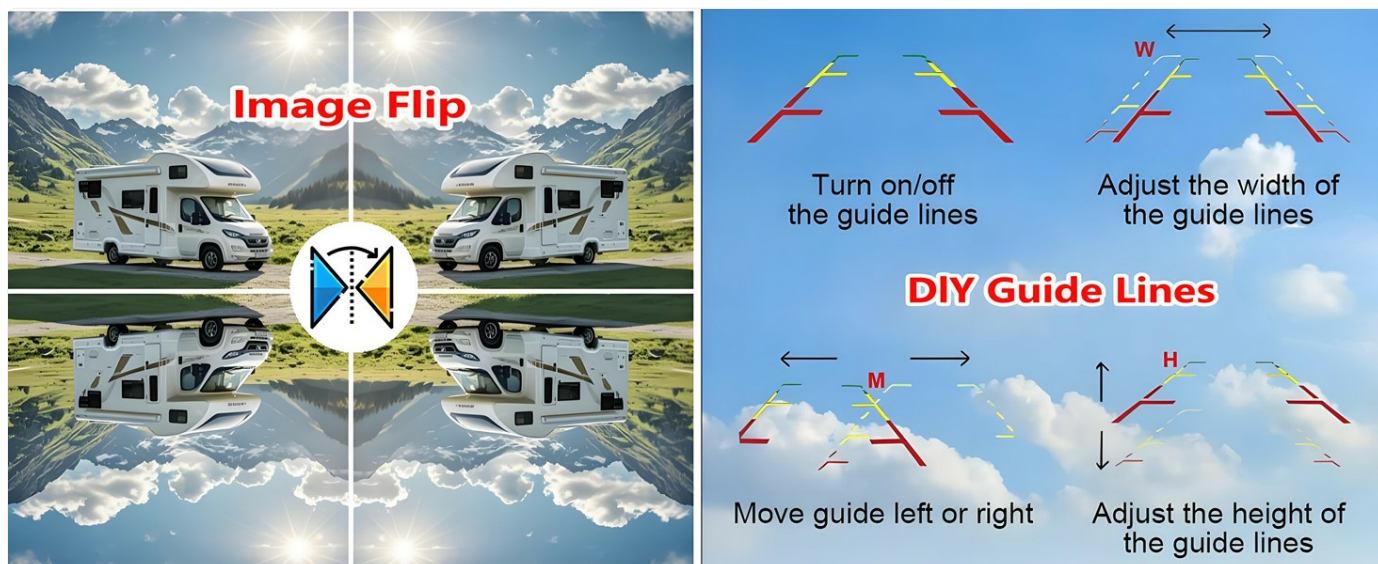


Image: Monitor displaying image flip options and further guide line adjustments.

4.2. Image Settings

The monitor allows for further image customization:

- **Brightness:** Adjust the screen brightness for optimal visibility in different lighting conditions.
- **Contrast:** Modify the image contrast.
- **Image Flip:** Flip the image horizontally or vertically if needed, depending on camera orientation.

Your browser does not support the video tag.

Video: Demonstrates the unboxing, connection, and various menu adjustments (guide lines, brightness, contrast, saturation, tint, language, parking line on/off) of the YIMU K4302 Backup Camera System.

5. KEY FEATURES

- **HD Image and Wide Angle:** Equipped with an HD 1/3-inch image sensor and a 150° wide viewing angle lens, providing a clear view of blind spots.



Image: A wide-angle view from the camera showing a child behind a car, illustrating blind spot elimination.

- **Night Vision:** Enhanced night vision capabilities for clear visibility in low-light conditions.

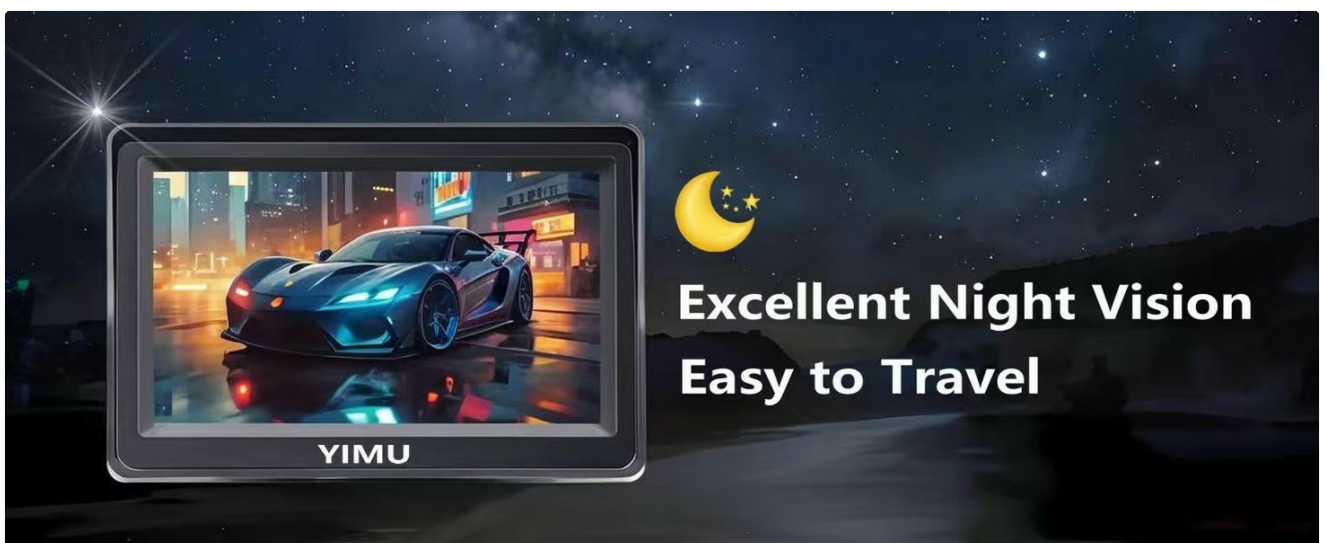


Image: Monitor showing a clear night view of a city street from the backup camera.

- **IP69K Waterproof:** The camera is designed to withstand harsh weather conditions, ensuring durability and consistent performance.



Image: Camera being sprayed with water, highlighting its IP69K waterproof rating.

- **Reliable Wired Signal:** Provides superior signal stability compared to wireless options, minimizing delays, interference, and fluctuations for real-time, crystal-clear images.
- **Wide Adaptability:** Compatible with most vehicles, including cars, trucks, trailers, RVs, vans, SUVs, and campers.

Wide Adaptability

All U.S. Vehicle Types

Designed for car, pickup truck, suv, minivan and sedans



Image: Diverse range of vehicles demonstrating the system's wide adaptability.

6. SPECIFICATIONS

Feature	Detail
Model Number	K4302
Brand	YIMU
Screen Size	4.3 Inches
Display Technology	LCD
Real Angle of View	170 Degrees
Voltage	12 Volts (DC)
Installation Type	Surface Mount
Connector Type	RCA
Product Dimensions	7.7 x 4.6 x 3.02 inches
Item Weight	1.15 pounds
Waterproof Rating	IP69K

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your YIMU K4302 Backup Camera System.

- **Cleaning the Camera Lens:** Periodically clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Cleaning the Monitor Screen:** Use a soft, lint-free cloth to gently wipe the monitor screen. For stubborn smudges, a screen cleaner designed for electronics can be used sparingly.
- **Cable Inspection:** Regularly check all cables and connections for any signs of wear, damage, or loose connections. Ensure cables are securely routed and not pinched.
- **Bracket Security:** Verify that the camera and monitor mounting brackets are securely fastened to prevent movement or detachment during vehicle operation.

8. TROUBLESHOOTING

If you encounter issues with your YIMU K4302 Backup Camera System, refer to the following common solutions:

Problem	Possible Cause	Solution
No image on monitor	Loose power connection, faulty cable, camera not powered, monitor off.	Check all power connections (cigarette lighter/reverse light). Ensure the monitor is turned on. Inspect the 4-pin video cable for secure connection and damage.

Problem	Possible Cause	Solution
Flickering or distorted image	Loose video cable connection, electrical interference, damaged cable.	Ensure the 4-pin video cable is securely connected at both ends. Check for any nearby electrical sources causing interference. Inspect the cable for damage.
Guide lines not visible or incorrect	Guide lines disabled or incorrectly adjusted in settings.	Access the monitor's menu to enable guide lines and adjust their position and width as needed.
Poor image quality (blurry, dark)	Dirty camera lens, incorrect brightness/contrast settings, low light conditions.	Clean the camera lens. Adjust brightness and contrast settings on the monitor. Ensure sufficient lighting for optimal night vision performance.

9. WARRANTY AND SUPPORT

YIMU is committed to customer satisfaction. The K4302 Backup Camera System comes with the following:

- **2-Year Warranty:** Covers manufacturing defects and ensures product reliability.
- **30-Day Money-Back Guarantee:** Allows for returns within 30 days of purchase if you are not completely satisfied.
- **Lifetime Technical Support:** Access to technical assistance for the lifetime of the product.

For any questions or assistance, please contact YIMU customer support.

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