

AUTOXBERT Model-2

HD Car License Plate Backup Camera User Manual

Brand: AUTOXBERT | **Model:** Model-2

1. INTRODUCTION

Thank you for choosing the AUTOXBERT HD Car License Plate Backup Camera. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new backup camera. Designed for enhanced safety, this camera offers a wide-angle view, night vision capabilities, and a durable waterproof design, making reversing safer and more convenient for various vehicles including cars, SUVs, trucks, vans, and RVs.

2. SAFETY INFORMATION

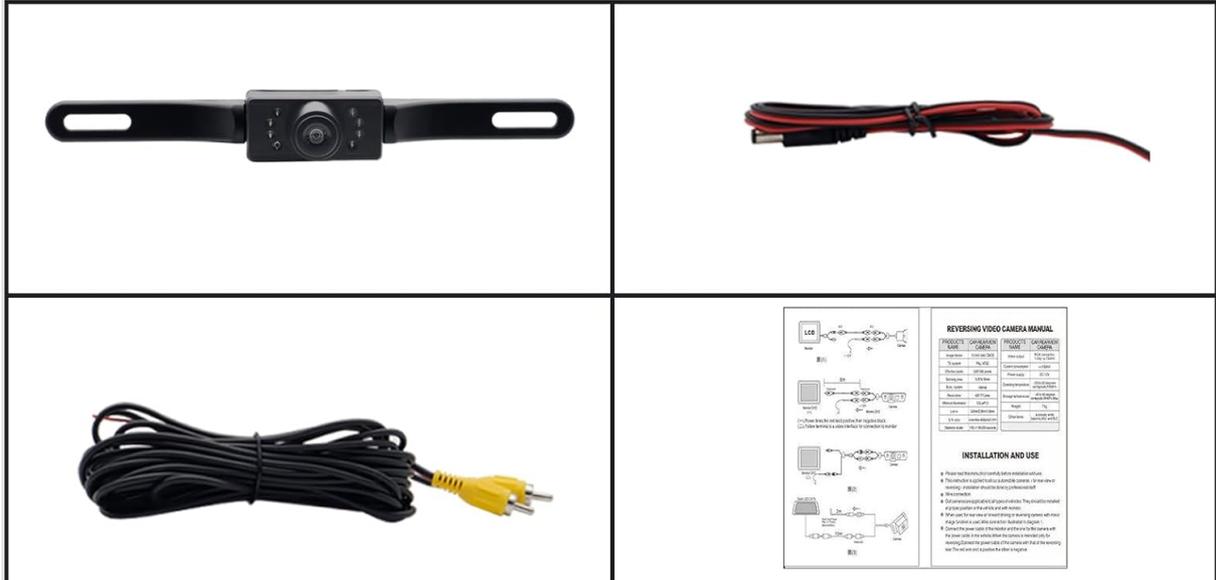
- Always ensure your vehicle is turned off and the battery is disconnected before beginning any installation work to prevent electrical shock or damage.
- Exercise caution when routing cables to avoid interference with vehicle moving parts, sharp edges, or heat sources.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- This camera is an aid for reversing and does not replace the driver's responsibility to check surroundings and use mirrors.
- Do not attempt to disassemble or modify the camera. This may void the warranty and cause damage.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Car Rear View Camera
- 1 x 6M Video Cable (RCA)
- 1 x 1M Power Cable
- 1 x Instruction Manual

Package Include



Package Include:

1*Back Up Camera 1*6M Video Cable 1*1M Power Cable 1*User Manual

Image: Contents of the product package, showing the camera, cables, and manual.

4. INSTALLATION GUIDE

The AUTOXBERT backup camera is designed for easy installation. Follow these steps carefully:

4.1 Mounting the Camera

1. Identify a suitable mounting location for the camera, typically above the license plate. The camera is designed to integrate with the license plate frame.
2. Securely attach the camera to the chosen location using appropriate fasteners. Ensure the camera has a clear, unobstructed view.

4.2 Wiring Connections

1. **Power Connection:** Connect the 1M power cable to your vehicle's DC 12V power system. The red wire typically connects to the positive (+) terminal of your vehicle's reverse light, and the black wire connects to a ground (-) point. This ensures the camera powers on automatically when the vehicle is put into reverse.
2. **Video Connection:** Connect the 6M RCA video cable from the camera's video output to the video input of your vehicle's display monitor (not included). Route the cable carefully through the vehicle's interior, avoiding any moving parts or areas of high heat.

3. **Trigger Wire (if applicable):** Some monitors require a trigger wire to automatically switch to the backup camera display when reverse gear is engaged. If your monitor has this feature, connect the trigger wire from the RCA cable to the reverse light power source, alongside the camera's power wire.

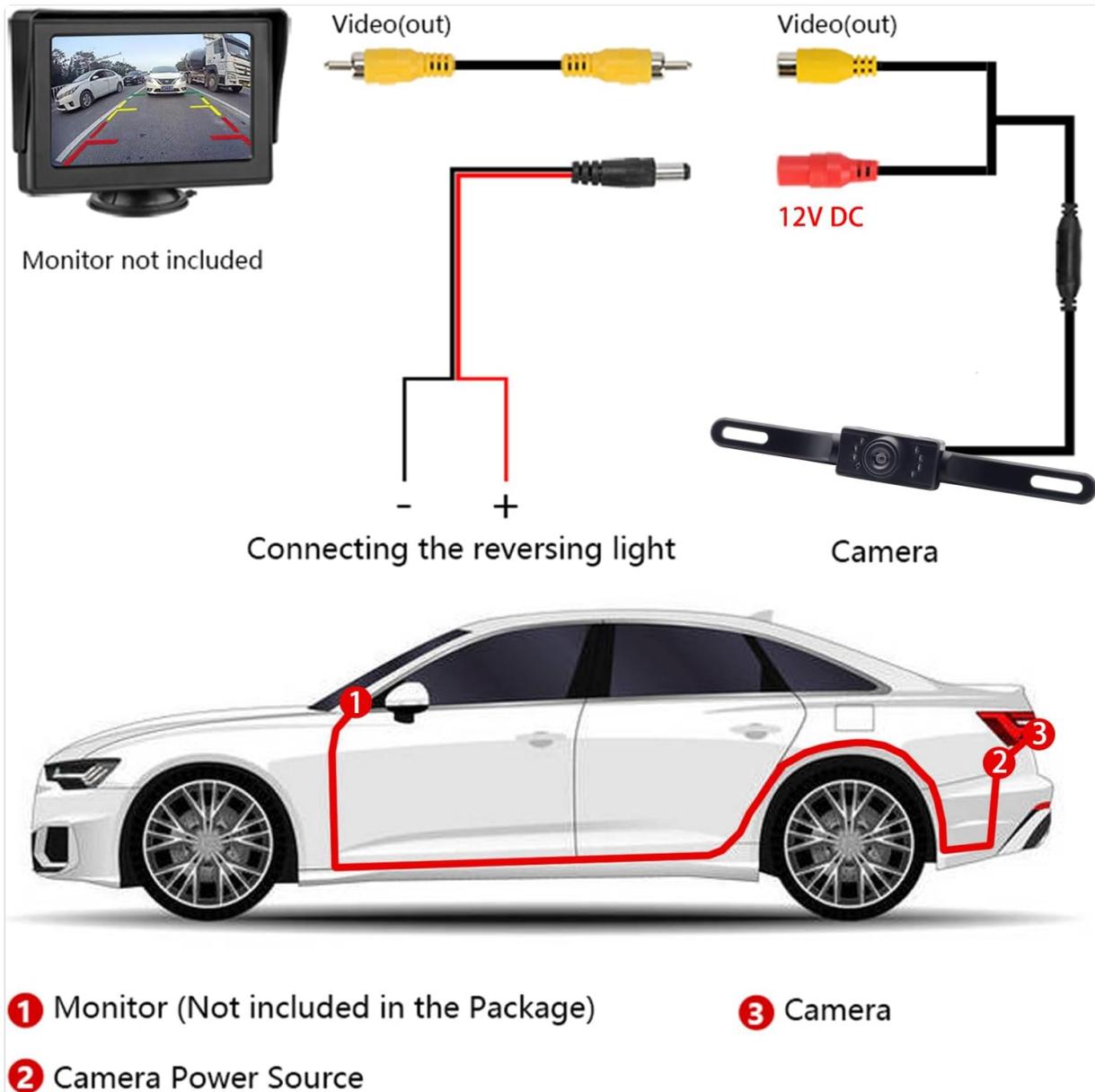


Image: Wiring diagram illustrating how to connect the camera to the vehicle's power and monitor.

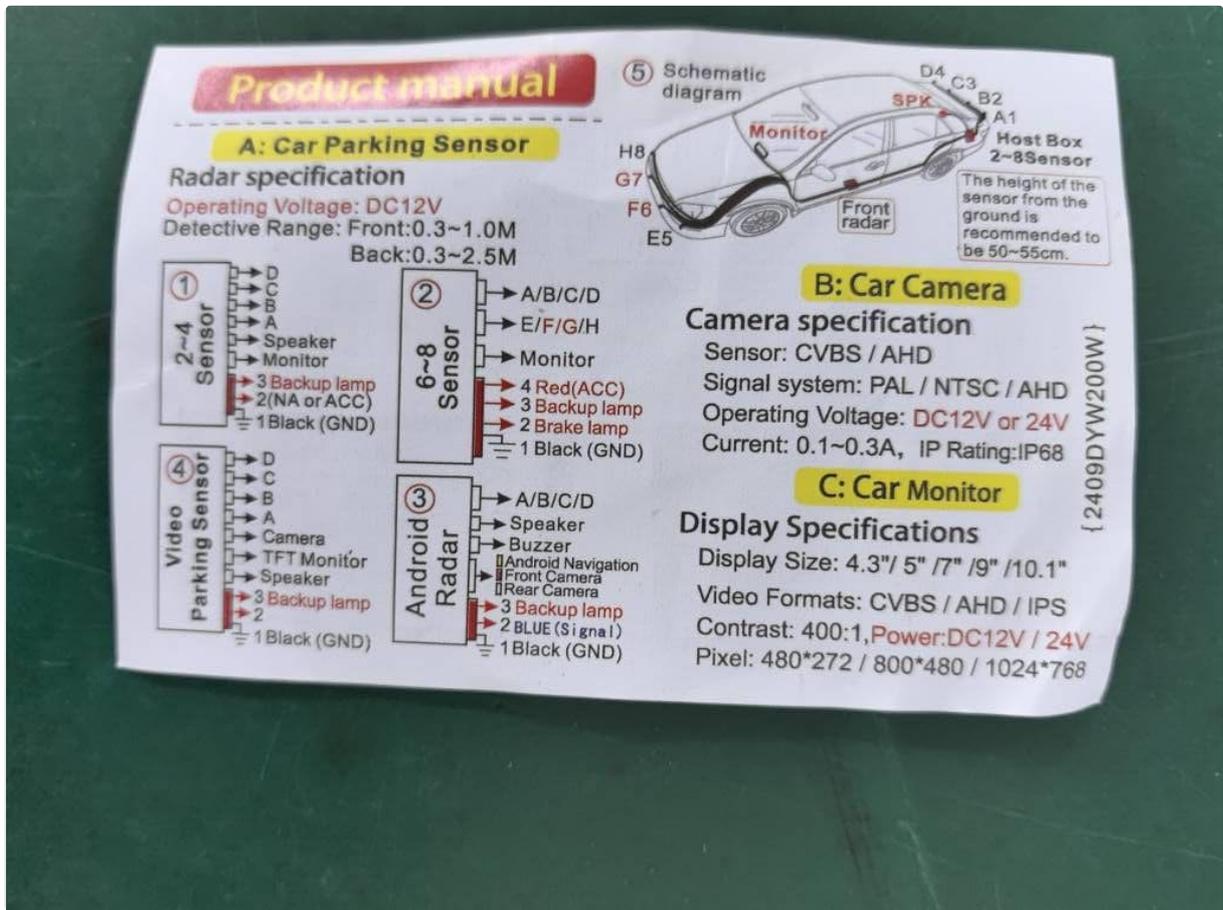


Image: Detailed installation diagram, including trigger wire connections for various display types.

5. OPERATING INSTRUCTIONS

Once installed, the camera operates automatically when your vehicle is shifted into reverse gear.

5.1 High-Definition Display with Guidelines

The camera provides a clear, high-definition image on your connected monitor. Dynamic parking guidelines (red, yellow, green lines) are displayed on the screen to assist with judging distance and trajectory while reversing. These lines help in navigating tight spaces and avoiding obstacles.



Image: Example of the camera's display with parking guidelines.

5.2 Night Vision Capability

Equipped with 7 red light beads and 1 infrared sensor light, the camera offers enhanced night vision. This feature ensures a clear view even in low-light conditions or complete darkness, providing improved safety during nighttime reversing.

Night Vision

HD night vision camera makes driving at night clearer.



DAY



NIGHT



Image: Day and night vision comparison demonstrating the camera's low-light performance.

5.3 Wide-Angle View

The 170° wide-angle lens provides an expansive view of the area behind your vehicle, minimizing blind spots and offering a comprehensive perspective for safer maneuvering.

5.4 IP68 Waterproof Design

The camera features an IP68 waterproof rating, ensuring reliable performance in various weather conditions, including heavy rain, snow, and fog. Its durable construction is designed to withstand harsh outdoor environments and automatic car wash machines.

IP68

WATERPROOF

Use as usual in rainy and snowy weather



Image: The camera submerged in water, highlighting its IP68 waterproof capability.

6. MAINTENANCE

- Regularly clean the camera lens with a soft, damp cloth to ensure a clear image. Avoid abrasive cleaners that could scratch the lens.
- Check all cable connections periodically to ensure they remain secure and free from corrosion.
- Inspect the camera's mounting for any looseness, especially after driving on rough terrain.

7. TROUBLESHOOTING

If you encounter issues with your backup camera, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on monitor	Loose power or video connection; incorrect wiring; faulty monitor input.	Check all cable connections. Ensure power wires are connected to the reverse light and ground. Verify monitor input is selected correctly. Test with another video source if possible.
Image is blurry or distorted	Dirty lens; condensation inside lens; damaged cable.	Clean the camera lens. If condensation persists, allow time for it to dissipate or check for seal integrity. Inspect video cable for damage.
Night vision not working	Infrared sensors obstructed or damaged; insufficient power.	Ensure the infrared LEDs are not obstructed. Verify stable 12V power supply to the camera.
Guidelines not appearing	Monitor setting; camera model does not support.	Check your monitor's settings for parking guideline display. This camera model is designed to provide guidelines automatically.

8. SPECIFICATIONS

Feature	Specification
Product Dimensions	8 x 1 x 2 inches (25cm x 8cm x 5cm approx.)
Item Weight	3.53 ounces
Compatible Devices	Car, SUV, Truck, Van, RV
Display Technology	LED
Installation Type	Dashboard Mount, Surface Mount (License Plate)
Voltage	12 Volts (Compatible with 12-24V systems)
Optical Sensor Technology	Infrared
Lens Type	Wide Angle
Real Angle of View	170 Degrees
Connector Type	RCA
Waterproof Rating	IP68
Night Vision Range	Up to 5 meters

9. WARRANTY AND SUPPORT

Your AUTOXBERT HD Car License Plate Backup Camera is covered by a manufacturer's warranty. Please refer to the product packaging or contact your retailer for specific warranty terms and conditions. For any installation questions, troubleshooting assistance, or product inquiries, please do not hesitate to contact our customer service. We are committed to providing support at any time to ensure your satisfaction with our product.

