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› DOUXURY 7-inch HD LED Backup Camera System with IP69 Waterproof Camera and Night Vision User Manual

DOUXURY B0B92G8JB7

DOUXURY 7-inch HD LED Backup Camera System User Manual

Model: B0B92G8JB7

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your DOUXURY 7-inch HD LED Backup Camera System. This system is designed to enhance visibility and safety when reversing or maneuvering various vehicles, including cars, trucks, RVs, trailers, jeeps, and pickups. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

2. PRODUCT FEATURES

- **7-inch HD LED Monitor:** Provides a clear, high-definition color display for optimal viewing.
- **IP69 Waterproof Camera:** Equipped with 18 infrared (IR) LEDs for excellent night vision. The camera is rated IP69 for resistance against water and dust, ensuring reliable performance in various weather conditions.
- **Wide Temperature Range:** The camera is designed to operate in extreme temperatures, from -4°F to 140°F (-20°C to 60°C).
- **Wired Connection:** Utilizes a 4-pin power cable for stable video transmission, eliminating issues associated with unstable wireless signals.
- **Dual-Channel Support:** The system can accommodate an optional second camera (sold separately) for expanded viewing angles.
- **Parking Assist Lines:** Integrated parking assist lines on the monitor aid in precise vehicle positioning.
- **Remote Control:** An included IR remote allows for convenient adjustment of monitor settings.
- **Mirror Image Flip:** Supports mirror image function for flexible camera mounting and viewing preferences.

3. PACKAGE CONTENTS

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

- 7-inch HD Monitor (1x)

- Backup Camera (1x)
- Monitor Sunshade (1x)
- Butterfly-shaped Monitor Bracket (1x)
- Cigarette Lighter Adapter (1x)
- 33ft Video Cable (1x)
- Power Cable (1x)
- Set of Screws (1x)
- IR Remote Control (1x)
- Detailed User Manual (1x)
- Other Accessories (1x)

Package List



7" Monitor + Mounting Panel



Camera x 1



User Manual x 1



Screw x 1 set



Remote Control x 1



33ft Video Cable x 1



Monitor Bracket x 1



Sunshade x 1



Cigarette Lighter Charger x 1

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Image: All components included in the DOUXURY backup camera system package.

4. SETUP AND INSTALLATION

The DOUXURY backup camera system is designed for straightforward installation. Follow these steps for proper setup:

4.1 Camera Installation

1. **Mount the Camera:** Choose a suitable location at the rear of your vehicle, typically above the license plate or on the bumper, ensuring a clear view. Secure the camera using the provided screws and bracket.
2. **Power Connection:** Connect the camera's power cable to your vehicle's 12-36V DC power source. It is recommended to connect it to the running lights or reverse lights so the camera powers on when the vehicle is in operation or reverse. Ensure the black power wire is properly grounded to a metal part of the vehicle chassis.
3. **Video Cable Routing:** Route the 33ft video cable from the camera to the front of the vehicle where the monitor will be placed. Ensure the cable is secured and protected from moving parts, heat, and sharp edges.

4.2 Monitor Installation

4. **Mount the Monitor:** Attach the 7-inch monitor to your dashboard or windshield using the provided butterfly-shaped bracket. Adjust the angle for optimal viewing.
5. **Power Connection:** Plug the cigarette lighter adapter into your vehicle's cigarette lighter socket. Connect the monitor's power cable to the adapter. The adapter also features a USB port for charging other mobile devices.
6. **Connect Video Cable:** Connect the video cable from the camera to the corresponding input on the monitor.

Easy to install



Image: Simplified diagram illustrating the connection of the camera and monitor.

Excellent Cigarette Lighter Adapter

Plug and Play for greater convenience for backup camera system.



Compatible for



Ipad



Mobile phone



Android phone



Android Tablet



12-24V DC

The USB port can provide power to a wide range of mobile devices.

Image: The cigarette lighter adapter, which powers the monitor and includes a USB charging port.

Note: If you require a longer power cable for your specific vehicle setup, please contact DOUXURY customer support for assistance.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** The monitor will typically power on automatically when the vehicle's ignition is turned on or when the camera receives power (e.g., when shifting into reverse).
- **Remote Control:** Use the included IR remote control to navigate the monitor's menu, adjust brightness, contrast, color, and other display settings.
- **Parking Assist Lines:** The monitor displays parking assist lines to help guide your vehicle. These lines can often be adjusted or toggled on/off via the monitor settings.



Backup Camera with Parking Assist Line

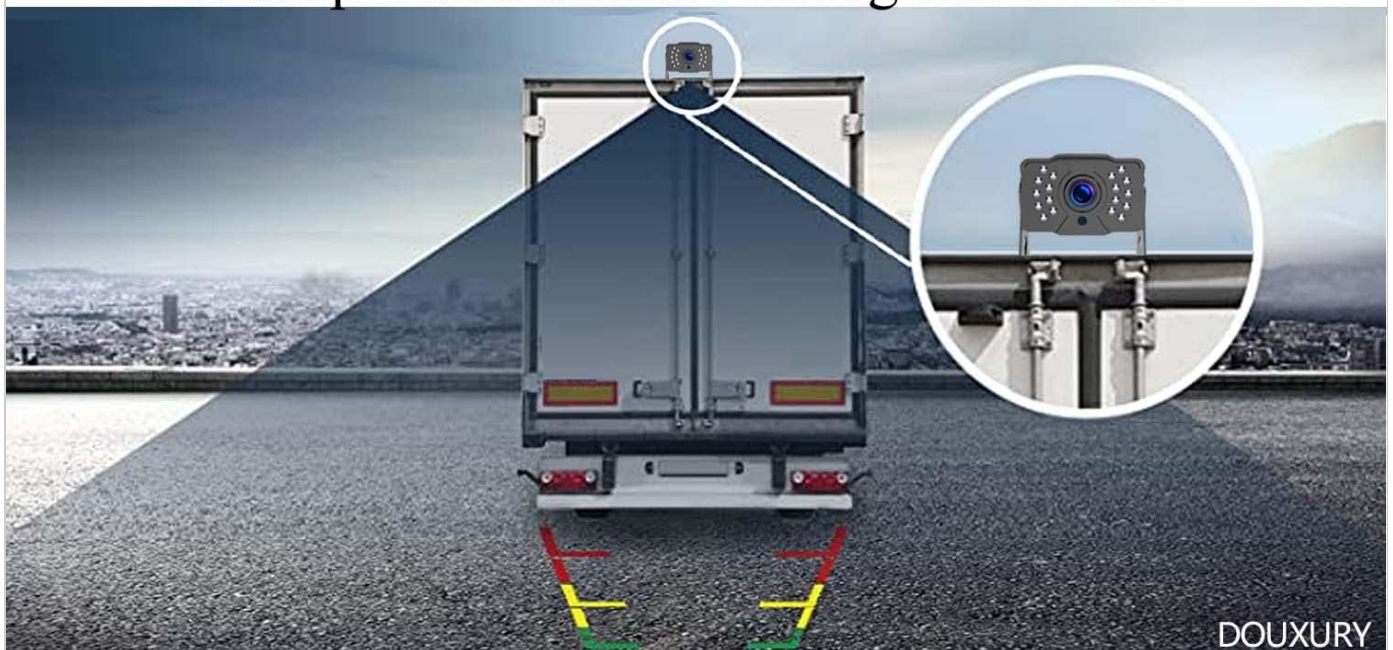


Image: The backup camera view on the monitor, showing parking assist lines for guidance.

5.2 Advanced Functions

- **Dual-Channel Switching:** If a second camera is installed, use the 'V1/V2' button on the monitor or remote control to switch between Camera 1 and Camera 2 views.
- **Mirror Image Flip:** The monitor supports a mirror image flip function, which can be useful depending on the camera's mounting orientation and your preference for a true mirror view. This setting can be accessed through the monitor's menu.

1080P HD Backup Camera System

With 2 channels, you can add cameras, switch between CH1 and CH2.



**Remote
Control**



**Voltage:
12-24v DC**



**IR Night
Vision**



**Parking
Assist Line**

Image: The 1080P HD monitor displaying an RV, highlighting its features including remote control and IR night vision.

5.3 Night Vision

The camera is equipped with 18 IR LEDs, providing enhanced visibility in low-light conditions and at night. This feature automatically activates to ensure clear images for safe operation.

Super Night Vision

18 IR LEDS provide low light compensation and ensure the vivid images

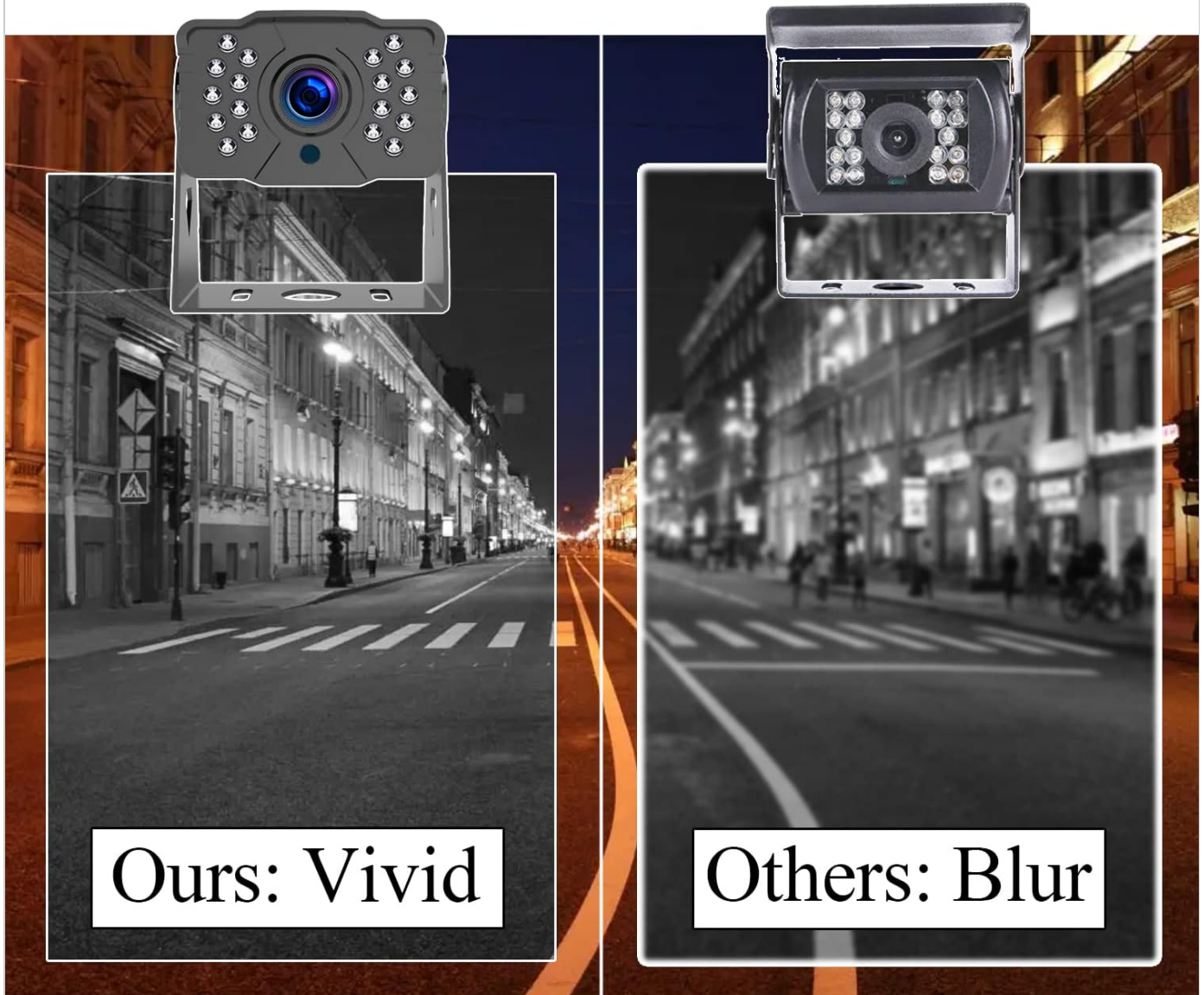
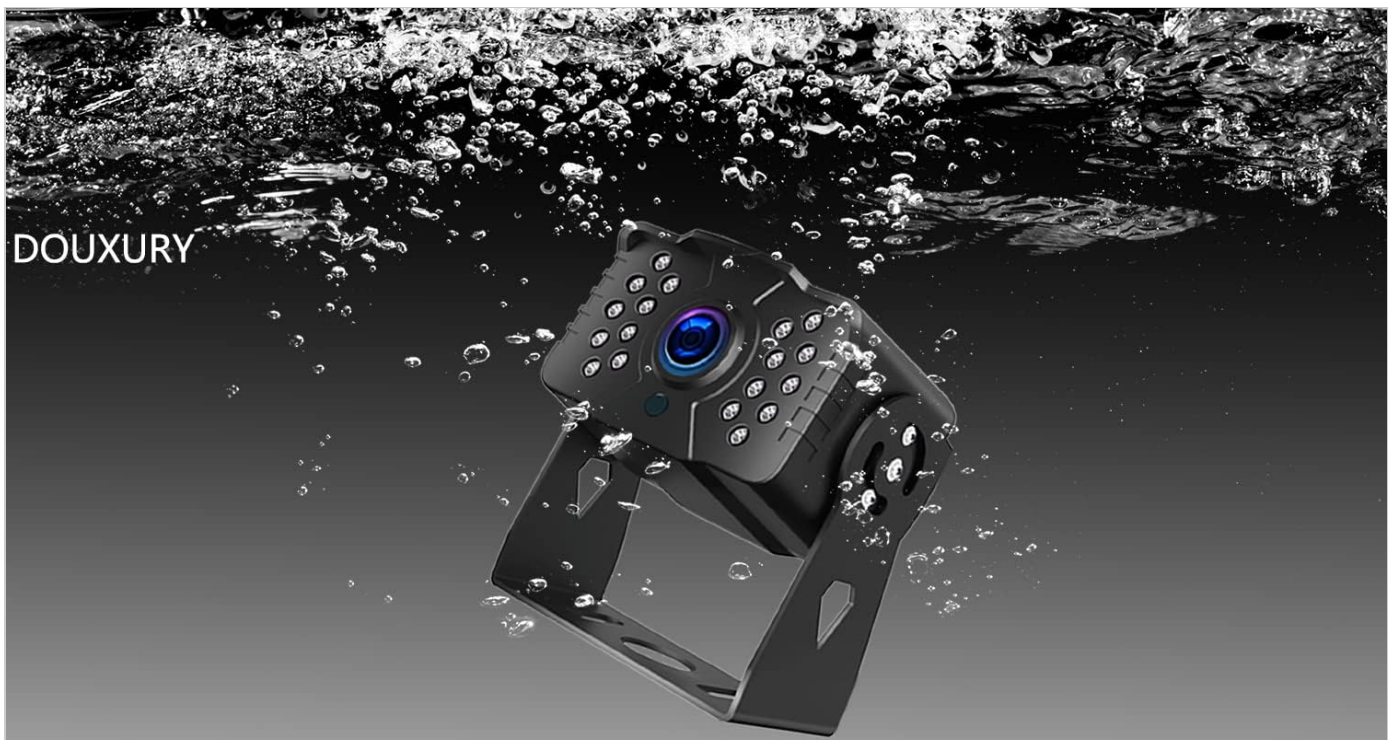


Image: A comparison demonstrating the clear night vision capability of the DOUXURY camera.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Waterproof Rating:** The camera has an IP69 waterproof rating, meaning it is protected against high-pressure, high-temperature jet sprays and continuous immersion. However, avoid directing high-pressure water jets directly at the camera for extended periods.
- **Temperature:** The system is designed to withstand temperatures from -4°F to 140°F. Operating outside this range may affect performance.
- **Cable Inspection:** Periodically check all cables and connections for any signs of wear, damage, or loose connections. Ensure cables are securely fastened to prevent accidental disconnection or damage during vehicle movement.



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IP69 Waterproof Level



Ours

Others

Our latest version of the camera with the full metal case uses full-sealed and glue filling technology, which provides better water resistance than the camera using glasses which cannot fill glue.

Image: The camera's IP69 waterproof design, highlighting its durability against water exposure.

7. TROUBLESHOOTING

If you encounter issues with your DOUXURY backup camera system, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No image on monitor / Blank screen	<ul style="list-style-type: none"> Loose power or video cable connection. No power to camera or monitor. Faulty camera or monitor. 	<ul style="list-style-type: none"> Check all power and video cable connections to ensure they are secure. Verify that the camera and monitor are receiving power (e.g., check vehicle's cigarette lighter socket, ensure reverse lights are on). If issues persist after checking connections and power, contact customer support.
Image is distorted or flickering	<ul style="list-style-type: none"> Loose video cable connection. Interference from other electronic devices. Damaged video cable. 	<ul style="list-style-type: none"> Ensure the video cable is securely connected at both ends. Try to reroute the video cable away from other power cables or electronic devices. Inspect the video cable for any visible damage. If damaged, contact support for a replacement.
Night vision is poor	<ul style="list-style-type: none"> Dirty camera lens. Insufficient ambient light for IR LEDs. 	<ul style="list-style-type: none"> Clean the camera lens thoroughly. Ensure no obstructions are blocking the IR LEDs.
Remote control not working	<ul style="list-style-type: none"> Dead battery in remote. Obstruction between remote and monitor. 	<ul style="list-style-type: none"> Replace the remote control battery. Ensure a clear line of sight between the remote and the monitor's IR receiver.

If the problem persists after attempting these solutions, please contact DOUXURY customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	DOUXURY
Monitor Size	7 inches
Display Technology	LCD, LED
Compatible Devices	Car Monitor
Mounting Type	Surface Mount
Voltage	12-36 Volts DC
Optical Sensor Technology	CMOS
Video Capture Resolution	1080p
Video Capture Format	AVI, MOV, or MP4
Item Weight	3 Pounds
Waterproof Rating	IP69
Night Vision	18 IR LEDs

9. WARRANTY AND SUPPORT

DOUXURY is committed to providing high-quality products and excellent customer service. Your backup camera system comes with the following:

- **24-Hour Online Customer Service:** Our support team is available around the clock to assist you with any inquiries.
- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.
- **365-Day Replacement Warranty:** We offer a 365-day warranty for product replacement in case of defects or malfunctions.
- **Lifetime Support:** Enjoy lifetime technical support for your DOUXURY product.

For any questions, technical assistance, or warranty claims, please contact us directly. We are dedicated to ensuring your satisfaction.

