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> Yoidesu IP69 140° Wide View Angle HD 1080P Digital Backup Camera System with 4.3 Inch LCD Monitor Instruction Manual

Yoidesu Yoidesu7x93hbsycz

Yoidesu Digital Backup Camera System Instruction Manual

Model: Yoidesu7x93hbsycz

1. INTRODUCTION

Thank you for choosing the Yoidesu Digital Backup Camera System. This manual provides detailed instructions for the installation, operation, and maintenance of your new backup camera and monitor system. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image 1.1: Yoidesu 4.3 Inch LCD Monitor

This system is designed to enhance safety when backing up your vehicle, providing a clear, wide-angle view of the area behind you. It features a 4.3-inch HD LCD monitor and an IP69 waterproof 1080P camera with night vision capabilities.

2. SAFETY INFORMATION

- Always ensure the system is installed securely and does not obstruct your view or interfere with vehicle controls.
- This system is an aid for backing up and should not replace direct observation or proper driving practices. Always check your surroundings manually.
- Disconnect power before performing any maintenance or installation.
- Do not attempt to disassemble or modify the components. Refer to qualified personnel for repairs.
- Keep the camera lens clean for optimal image clarity.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x 4.3 Inch LCD Screen
- 1 x Backup Camera
- 1 x Camera Video Cable
- 1 x Video Receiver
- 1 x Cigarette Lighter Power Supply
- 2 x Bracket (for monitor mounting)
- 2 x Tie
- 2 x Screw
- 1 x Double Sided Tape
- 2 x Antenna
- 2 x DC Adapter Cable
- 1 x DC Plug Terminal
- 2 Pairs x T Type Terminal (4 Pieces)
- 1 x Instruction Manual



Image 3.1: Complete Package Contents

4. PRODUCT OVERVIEW

4.1. Monitor (Display)

The 4.3-inch LCD HD screen provides a clear view of the camera feed. It supports AV1 and AV2 video inputs with

backup priority and automatic switching. The monitor is powered via a 12V-30V cigarette lighter power supply.



Image 4.1: Front View of the Monitor

4.2. Backup Camera

The camera features a 1920x1080P resolution with a 140° wide viewing angle, utilizing a 1/3 inch Color CMOS image chip. It is IP69 waterproof and equipped with 8 independent infrared (IR) LEDs for night vision. The camera is designed for easy mounting on a license plate without requiring additional drilling.



Image 4.2: Backup Camera Detail

5. SETUP AND INSTALLATION

Follow these steps for a simple and effective installation:

1. **Mount the Display:** Mount the 4.3-inch LCD screen on your vehicle's center console or front windscreen using the provided bracket and double-sided tape or suction cup. Ensure it does not obstruct your driving view.
2. **Mount the Rear View Camera:** Install the backup camera on your vehicle's license plate. The design allows for direct mounting without punching holes.
3. **Connect Power to Display:** Connect the display screen to your car's cigarette lighter charger using the provided power supply cable.
4. **Connect Power to Camera:** Connect the rear view camera to your vehicle's backup lights or taillight for power. This allows the camera to activate automatically when reversing.
5. **Connect Camera to Receiver:** Connect the camera's video output to the video receiver. The receiver will wirelessly transmit data to the display.

6. **Power On and Pair:** Start your vehicle to power on the display and camera. Access the settings menu on the display and select the 'Pairing' option to establish a wireless connection between the camera and monitor.



Image 5.1: Monitor Installation Context

6. OPERATING INSTRUCTIONS

6.1. Basic Operation

- Once installed and paired, the system will automatically activate when your vehicle is put into reverse, displaying the rear view on the monitor.
- The digital wireless technology ensures a stable and uninterrupted connection, transmitting signals up to 33 feet.

6.2. Dual Channel Support

The system supports dual-channel switching, allowing for a wider field of view. This feature helps eliminate blind spots and enhances overall safety during backing maneuvers. Refer to the monitor's on-screen menu for options to switch between channels if a second camera is installed (sold separately).

DOUBLE CHANNEL

Supports dual channel switching to provide a wider field of view for backing up. 140 degree wide angle design eliminates blind spots and enhances safety. Adopts advanced image processing technology to ensure stable HD images under various lighting conditions.



Image 6.1: Dual Channel Feature Illustration

6.3. Night Vision

The camera's integrated infrared (IR) LEDs provide clear and bright images even in low-light environments, ensuring visibility during nighttime or in dark conditions.

7. MAINTENANCE

- **Cleaning the Camera Lens:** Regularly wipe the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obscure the view. Avoid abrasive cleaners.
- **Cleaning the Monitor Screen:** Use a soft, lint-free cloth to clean the monitor screen. Do not spray cleaning solutions directly onto the screen.
- **Cable Inspection:** Periodically check all cables and connections for any signs of wear, damage, or loose connections. Ensure they are securely fastened.
- **Temperature Resistance:** The camera is designed to withstand temperatures from -4°F to 149°F (-20°C to 65°C).

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on monitor	Loose power connection Camera not powered Monitor not powered Pairing issue	Check all power connections to both monitor and camera. Ensure camera is correctly wired to backup lights. Verify cigarette lighter adapter is functional. Re-pair the camera and monitor via settings.
Flickering or unstable image	Weak signal Interference Loose video cable	Ensure antennas are properly attached. Minimize obstructions between camera and monitor. Check video cable connections for tightness.
Poor image quality	Dirty camera lens Low light conditions (without night vision) Incorrect settings	Clean the camera lens. Ensure night vision is active in low light. Check monitor display settings.
Camera not activating in reverse	Incorrect wiring to backup lights Faulty backup light circuit	Verify camera power connection to backup lights. Consult a professional if vehicle wiring is suspected.

9. SPECIFICATIONS

Component	Specification
Display	
Screen Size	4.3 Inches
Display Resolution	480x365
Brightness	300:1
Power Supply Voltage	12V-30V (Cigarette Lighter Power Supply)
Video Input	AV1 AV2 (Backup Priority, Automatic Switching)
Camera	
Camera Resolution	1920x1080P
Viewing Angle	140°
Image Chip	1/3 Inch Color CMOS
TV System	NTSC PAL
Night Vision	8 Independent Infrared (IR) LEDs
Water Resistance	IP69
General	
Product Dimensions	9.05 x 6.69 x 5.11 inches

Component	Specification
Item Weight	1.4 pounds
Model Number	Yoidesu7x93hbsycz

10. WARRANTY AND SUPPORT

Yoidesu products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official Yoidesu website. Please retain your proof of purchase for warranty claims.