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› IHOTDER Car Reverse Backup Camera User Manual

IHOTDER ihotder-2 yong tan tou-2904

IHOTDER Car Reverse Backup Camera User Manual

Brand: IHOTDER | Model: Reverse Camera for Car

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your IHOTDER Car Reverse Backup Camera. Designed for universal compatibility, this camera enhances safety by providing a clear, wide-angle view for reversing and parking maneuvers.



Figure 1: IHOTDER Car Reverse Backup Camera with display view.

2. PACKAGE CONTENTS

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

- 1x Back up camera
- 1x Video cable (20 feet)
- 1x Power cable
- 1x Butterfly bracket
- 1x Mounting ring
- 1x Hole opener
- 2x Screws

PRODUCT SIZE



- | | |
|----------------------|------------------|
| 1* Back up camera | 1* mounting ring |
| 1* video cable | 1* hole opener |
| 1* power cable | 2* screws |
| 1* butterfly bracket | |



Video cable 20feet

This rear camera for car has two installation methods.
Attention! There is only one backup camera inside the packaging.

Figure 2: Included accessories and components.

3. INSTALLATION GUIDE

The IHOTDER Car Reverse Backup Camera offers two primary installation methods: small butterfly bracket installation and embedded installation. The installation aperture for embedded mounting is 18.5mm (0.73 inches). Choose the method best suited for your vehicle.

3.1. Choosing an Installation Method

The camera can be installed at the license plate light at the rear of the car or at the rear bumper. Consider visibility and protection from elements when selecting the location.



Different accessories multiple installation methods

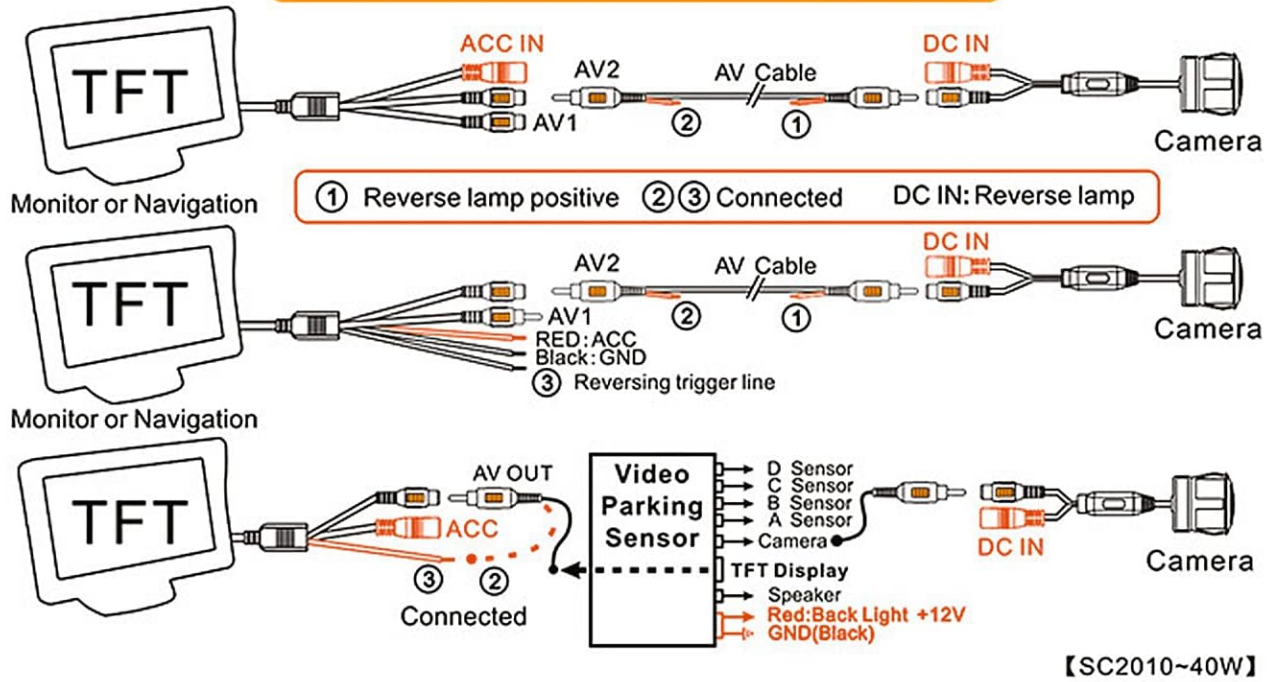


Figure 3: Dual installation options for the camera.

3.2. Wiring Diagram

Follow the diagram below for proper electrical connection. Ensure all connections are secure to prevent signal loss or damage.

Installation diagram



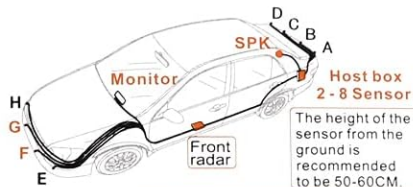
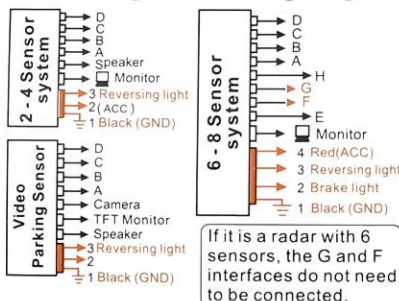
Product manual

A: Car Parking Sensor

Product Specification:

Operating Voltage: DC12V
 Detective Range: Front:0.3~1.0M
 Back:0.3~2.5M

Reversing radar wiring diagram



B: Car Camera

Product specification

Sensor: CVBS / AHD
 Signal system: PAL / NTSC / AHD
 Operating Voltage: DC12V or 24V
 Working current: 0.1A ~ 0.3A

C: Car Monitor

Display Specifications

Display Size: 4.3"/ 5" / 7" / 9" / 10.1"
 Video Formats: CVBS / AHD / IPS
 Contrast: 400:1, POWER: DC12V~24V
 Pixel: 480*272 / 800*480 / 1024*768

Figure 4: Camera wiring diagram for various display setups.

Connection Steps:

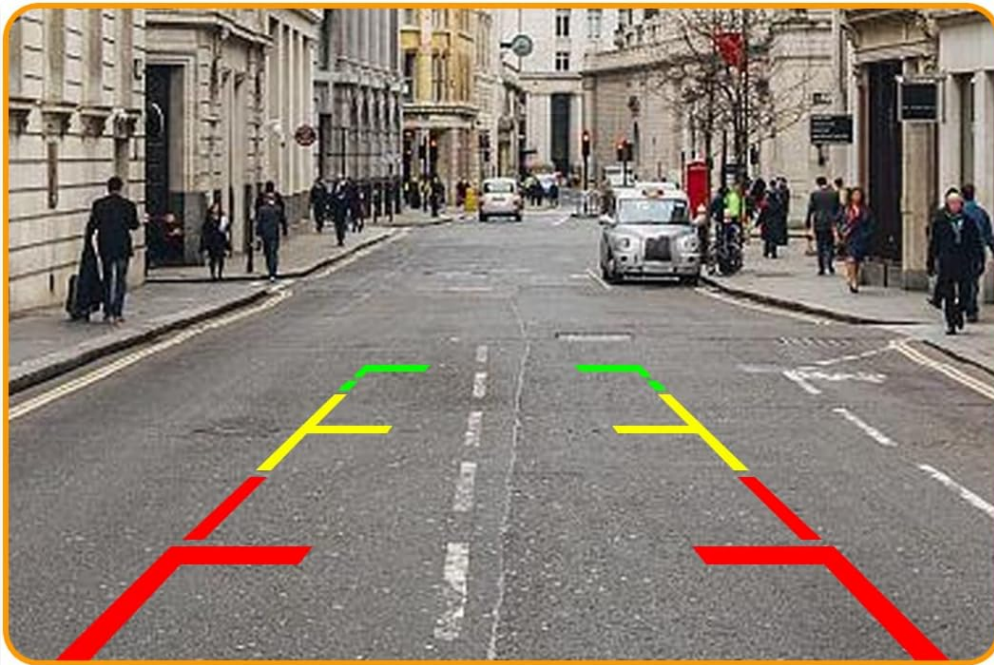
1. Connect the camera's power cable to the vehicle's reverse lamp positive (+) and ground (-).
2. Connect the video cable from the camera to the AV input of your monitor or navigation system.
3. If applicable, connect the reversing trigger line from the video cable to the monitor's reversing trigger input.

4. OPERATING INSTRUCTIONS

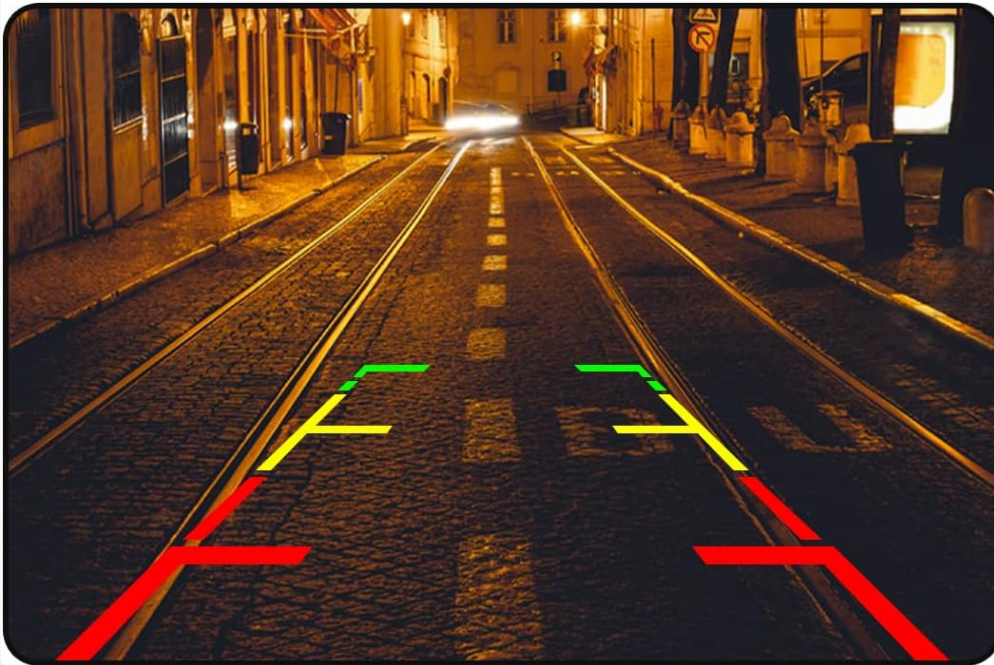
Once properly installed and connected, the camera will automatically activate when the vehicle is shifted into reverse gear, displaying the rear view on your connected monitor.

4.1. High-Definition and Wide Angle View

The camera features a high-definition optical lens and a 170° wide-angle design, providing a broad field of view to minimize blind spots during reversing. This ensures clear and color-accurate images, even in low light or nighttime conditions.



DAY



NIGHT

Figure 5: Day and night vision capabilities.



Figure 6: Illustration of the 170° wide-angle view.

4.2. Video Playback

The intelligent processing chip ensures smooth video transmission without lagging, missing seconds, or dropping frames, providing a reliable real-time view.

Your browser does not support the video tag.

Video 1: Demonstration of camera functionality and clear image display.

5. MAINTENANCE AND CARE

The camera is designed with a sealant sealing process, making it waterproof, anti-fogging, and shockproof, ensuring durability in various weather conditions.

MIRROR WATERPROOF AND ANTI FOG



Figure 7: Camera's waterproof and anti-fog design.

- **Cleaning:** 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.
- **Inspection:** Periodically check the wiring and mounting for any signs of wear, damage, or loose connections.
- **Environmental Protection:** While waterproof, extreme temperatures or prolonged exposure to harsh chemicals should be avoided to prolong the camera's lifespan.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on monitor	Loose video cable connection; No power to camera; Incorrect monitor input selected.	Check all video and power cable connections. Ensure camera is receiving power (e.g., reverse gear engaged). Select correct AV input on monitor.

Problem	Possible Cause	Solution
Blurry or distorted image	Dirty lens; Damaged video cable; Interference.	Clean the camera lens. Inspect video cable for damage. Ensure proper grounding and distance from high-power cables.
Poor night vision	Insufficient ambient light; Lens obstruction.	Ensure the area behind the vehicle has adequate lighting. Clean the camera lens thoroughly.
Image appears too close or narrow	Camera angle not optimal; Expectation vs. actual wide-angle performance.	Adjust camera angle if possible. Note that the 170° wide angle provides a broad view, but objects may appear further away than they are.

7. PRODUCT SPECIFICATIONS

- Brand:** IHOTDER
- Model:** Reverse Camera for Car
- Item Model Number:** backup camera
- Manufacturer Part Number:** ihotder-2 yong tan tou-2904
- Product Dimensions:** 22.44 x 0.8 x 0.8 inches (57 x 2 x 2 cm)
- Item Weight:** 5.3 ounces (150 grams)
- Voltage:** 12 Volts
- Video Capture Resolution:** 1080p
- Optical Sensor Technology:** CMOS
- Lens Type:** Wide Angle (170°)
- Installation Type:** Bracket Mount, Surface Mount
- Special Features:** Assist in safe reverse and avoid blind spots, Waterproof, Anti-fog, Shockproof
- Compatible Devices:** Monitor

8. WARRANTY AND SUPPORT

8.1. Warranty Information

Specific warranty details for this product are not provided in this manual. Please refer to the product listing on the retailer's website or contact IHOTDER customer service for comprehensive warranty information.

8.2. Customer Support

If you have any questions regarding the performance, installation, or any other aspect of your IHOTDER Car Reverse Backup Camera, please do not hesitate to contact our customer service personnel. They are available to assist you with any inquiries.

Manufacturer/Seller: IHOTDER

For support, please refer to the contact information provided with your purchase or on the official IHOTDER product page.

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