

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [INCLAKE](#) /

› [INCLAKE Car Backup Camera User Manual](#)

INCLAKE IN-0637

INCLAKE Car Backup Camera User Manual

Model: IN-0637 | Brand: INCLAKE

1. INTRODUCTION

Thank you for choosing the INCLAKE Car Backup Camera. This Ultra HD 12 LED Night Vision Waterproof Reverse Camera is designed to enhance your driving safety by providing a clear and wide view of your vehicle's rear surroundings. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and a safe driving experience.



Image: The INCLAKE Car Backup Camera, showcasing its compact design and included mounting brackets.

2. KEY FEATURES

- **Ultra HD Screen & Accurate Color:** Designed to eliminate blind spots and avoid obstacles, providing a clear CVBS Ultra HD picture for the driver.
- **12 LED & Superior Night Vision:** Features 12 super bright LED lights that automatically illuminate in low daylight conditions, greatly enhancing night vision with sharp images.

NIGHT VISION ACCURATE IMAGE

Display a Real-time Road Condition

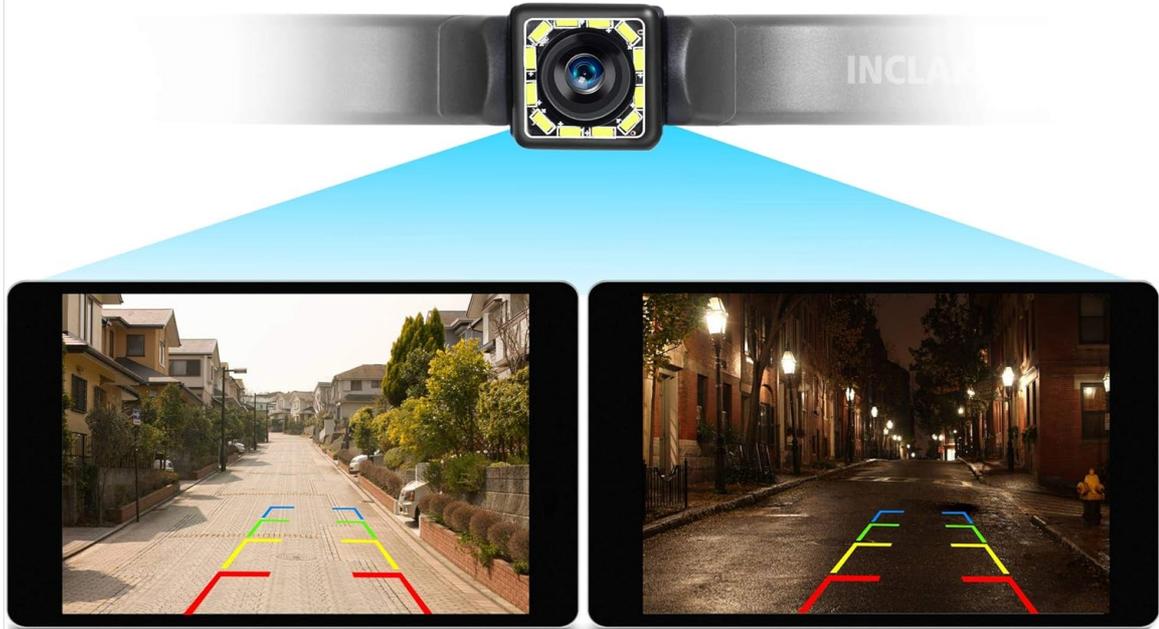


Image: Comparison of daytime and night vision display from the camera, highlighting the clear night vision capabilities.



Image: The camera with its 12 LED lights active, illustrating the 140-degree wide view angle for parking assistance.

- **IP68 Waterproof & 140° View Adjustable Angle:** Protected against powerful water jets, ensuring reliable operation in rain and car washes. The 140° adjustable vertical viewing angle allows for optimal positioning.



Image: Demonstrates the IP68 waterproof rating of the camera, showing it withstanding water exposure.

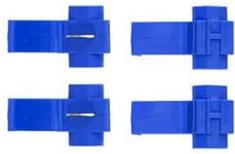
- **2-in-1 Installation:** Can be installed on a license plate frame or mounted on the back, front, or side of the vehicle.

3. PACKAGE CONTENTS

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

- INCLAKE Car Backup Camera
- Power Wire
- 26ft/8m Video Wire
- Wire Clamps
- Double-sided Tape
- Metal Bracket
- Zip Ties
- User Manual

PACKAGING



Wire clamps



Box



Double-sided tape
Metal bracket



Camera



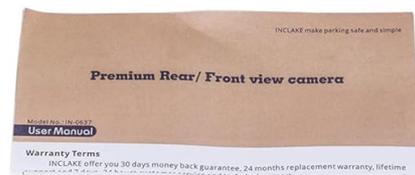
power wire



Zip ties



26ft/8M video wire



User manual

Image: All components included in the INCLAKE Car Backup Camera package.

4. SETUP AND INSTALLATION

The INCLAKE Car Backup Camera requires an actual installation, not just a simple clip-on or paste-on method. For optimal performance and to avoid potential issues, professional installation is highly recommended. If you choose to install it yourself, please follow the instructions carefully.

4.1. Wiring Diagram

Refer to the diagram below for proper wiring connections. Ensure all connections are secure to prevent signal loss or power issues.

The switching procedure

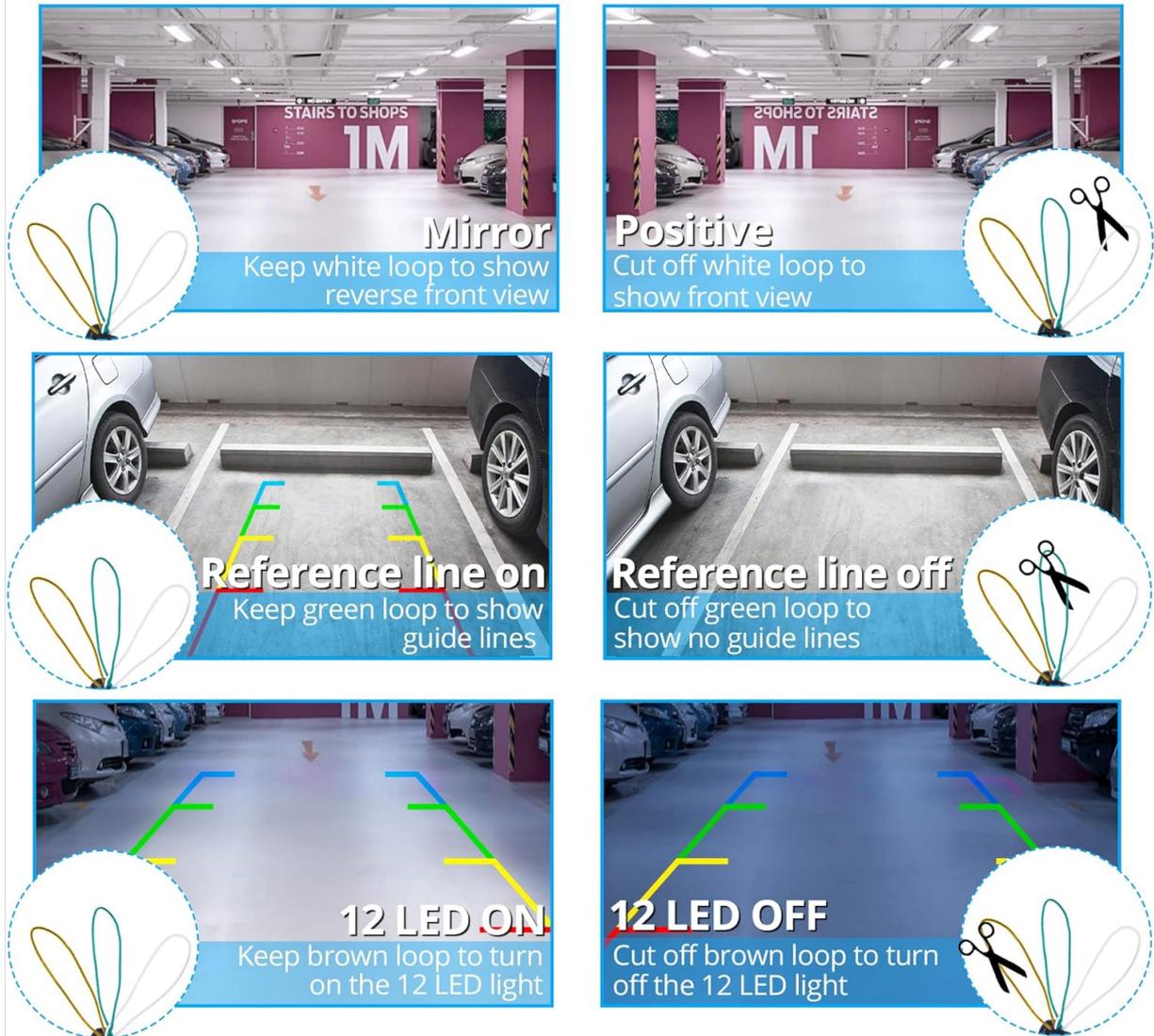


Image: Detailed wiring diagram for connecting the camera to a monitor and power source.

- Connect the video output (yellow RCA connector) from the camera to the video input of your monitor.
- Connect the red wire (+12V) of the camera's power cable to the vehicle's reversing light power supply.
- Connect the black wire (GND) of the camera's power cable to a suitable ground-iron part of the vehicle chassis.
- For some monitors, you may need to connect the video input trigger wire (often labeled A/B in diagrams) to the reversing light signal to automatically display the reversing image.

4.2. Mounting Options

The camera offers versatile installation options:

- **License Plate Frame Installation:** Mount the camera directly onto your vehicle's license plate frame using the provided brackets and screws.
- **Surface Mount:** The camera can also be mounted on the back, front, or side of your vehicle, depending on your preference and vehicle type. Use the double-sided tape and metal bracket for secure attachment.

Ensure the camera's view is unobstructed and positioned to provide the widest possible angle for your needs.

5. OPERATION

5.1. Basic Operation

Once properly installed and wired, the camera system will activate automatically when your vehicle is put into reverse gear (if wired to the reverse light power). The image will be displayed on your connected monitor.

5.2. Switching Procedures (Optional Features)

The camera features adjustable settings via specific wire loops. These loops allow you to customize the camera's display and functionality. *Note: These features are controlled by cutting or keeping specific wire loops as shown in the diagram. Once cut, they cannot be reconnected to restore the original function.*

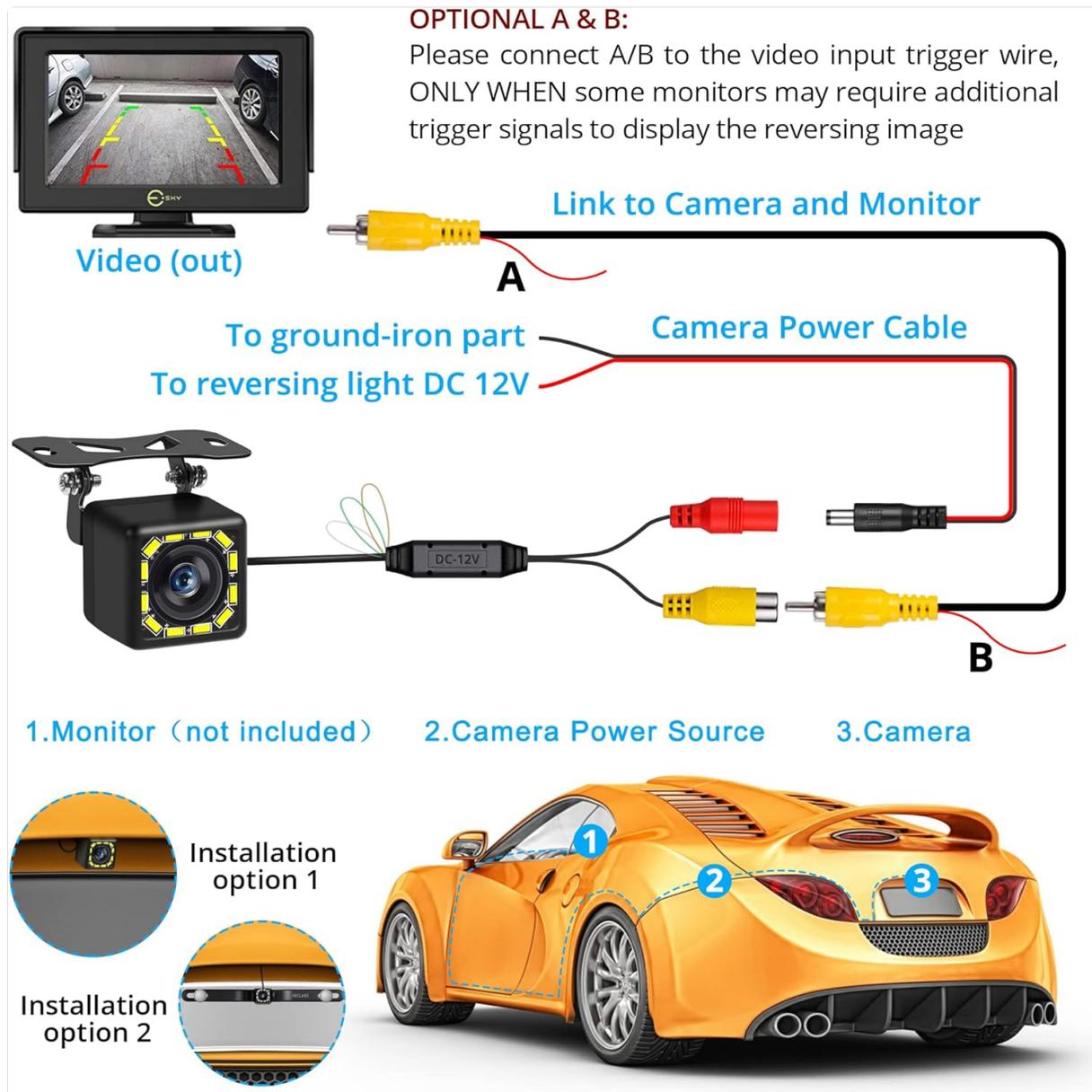


Image: Illustration of the wire loops used to adjust camera settings.

- **Mirror Image / Positive Image:**

- Keep the white loop to show reverse front view (mirror image).
- Cut off the white loop to show front view (positive image).

- **Reference Lines (Guide Lines):**

- Keep the green loop to show guide lines.

- Cut off the green loop to show no guide lines.
- **12 LED Light Control:**
 - Keep the brown loop to turn on the 12 LED light.
 - Cut off the brown loop to turn off the 12 LED light.

6. MAINTENANCE

To ensure the longevity and optimal performance of your INCLAKE Car Backup Camera, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots. Avoid abrasive cleaners that could scratch the lens.
- **Weather Protection:** While the camera is IP68 waterproof, extreme weather conditions (e.g., heavy snow, ice buildup) can temporarily obscure the view. Ensure the lens is clear before operating your vehicle.
- **Cable Inspection:** Periodically check the wiring and connections for any signs of wear, damage, or loose connections. Secure or replace as necessary.
- **Mounting Security:** Verify that the camera remains securely mounted to prevent vibrations or dislodgement that could affect image stability or cause damage.

7. TROUBLESHOOTING

If you encounter issues with your INCLAKE Car Backup Camera, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
No image on monitor	Loose video cable connection; No power to camera; Incorrect monitor input selected.	Check and secure all video cable connections; Verify power supply to the camera; Select the correct video input on your monitor.
Blurry or distorted image	Dirty lens; Damaged video cable; Interference from other electrical components.	Clean the camera lens; Inspect video cable for damage and replace if necessary; Ensure proper grounding and routing of cables away from interference sources.
Night vision not working	LED lights disabled (brown loop cut); Insufficient power to LEDs.	Check if the brown wire loop is intact (if you want LEDs on); Verify stable 12V power supply.
Guide lines not appearing	Guide lines disabled (green loop cut).	Ensure the green wire loop is intact (if you want guide lines).
Image is reversed (not mirror)	Mirror image function disabled (white loop cut).	Ensure the white wire loop is intact (if you want mirror image for reverse).

8. TECHNICAL SPECIFICATIONS

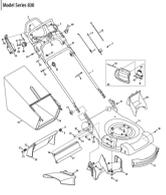
Feature	Specification
Product Dimensions	10.43 x 1.65 x 3.43 inches
Item Weight	9.6 ounces
Item Model Number	IN-0637
Display Technology	LED
Color	White LED
Manufacturer	INCLAKE
Lux Rating	0.1
Compatible Devices	Monitor
Installation Type	Bracket Mount, Surface Mount
Video Capture Resolution	1080p
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle

9. WARRANTY AND SUPPORT

The INCLAKE backup camera is guaranteed to provide a safe road trip. If you have any issues with the item or require further assistance, please feel free to contact INCLAKE customer service. Refer to your purchase documentation for specific warranty terms and contact information.

© 2024 INCLAKE. All rights reserved.

Related Documents - IN-0637

	<p>MTD Model Series 830 Lawnmower Parts List and Diagrams</p> <p>Comprehensive parts list and specifications for the MTD Model Series 830 lawnmower. This document details all components with their respective part numbers and descriptions, referencing original exploded view diagrams for assembly guidance.</p>
	<p>SkyRC S60 AC Balance Charger/Discharger Instruction Manual</p> <p>Comprehensive instruction manual for the SkyRC S60 AC Input Professional Balance Charger/Discharger, detailing features, operation, safety, specifications, and troubleshooting.</p>

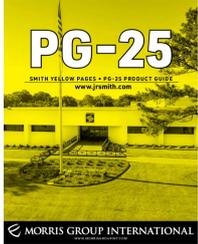
VANGUARD

Parts Manual
No. 356447-0637-G1



[Vanguard 356447-0637-G1 Parts Manual | Briggs & Stratton](#)

Official parts manual for the Vanguard 356447-0637-G1 commercial engine by Briggs & Stratton. Features detailed diagrams, part numbers, and component breakdowns for air cleaner, carburetor, crankshaft, cylinder, and more.



[Jay R. Smith PG-25 Product Guide: Fixture Supports, Drains, and Plumbing Components](#)

Explore the Jay R. Smith PG-25 Product Guide, featuring a comprehensive catalog of fixture supports, roof drains, floor drains, sanitary drains, cleanouts, and other plumbing solutions for commercial and industrial applications. Includes technical specifications and ordering information.

SMITH



[Whitehall Fixture Supports: Selection Guide by Jay R. Smith Mfg. Co.](#)

Comprehensive selection guide for Whitehall wall-hung fixture supports, featuring detailed tables of urinal, basin, scrub sink, sink, water closet, corner lavatory, and ligature-resistant supports with specifications and figure numbers from Jay R. Smith Mfg. Co.

REMED



[Acumed Screw Removal System: Surgical Techniques and Product Guide](#)

Explore the Acumed Screw Removal System, a comprehensive guide for orthopedic surgeons detailing techniques for Acutrak screws and plate screws, instrument usage, and ordering information. Features specialized tools for efficient screw extraction.