

GOTHAM PARK/LCD-DIS-42+CAM/BK

GOTHAM 1237924 Rear View Camera Kit with 4.2" LCD Monitor User Manual

[Introduction](#) [Safety Information](#) [Package Contents](#) [Setup & Installation](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

This manual provides instructions for the installation and operation of your GOTHAM 1237924 Rear View Camera Kit. This kit is designed to enhance vehicle safety by providing a clear view of the area behind your vehicle, aiding in parking and reversing maneuvers. It includes a waterproof camera and a 4.2-inch color LCD monitor with an anti-glare visor.



Image 1: The GOTHAM Rear View Camera Kit, showing the product packaging, 4.2-inch LCD monitor, and the compact rear view camera with its wiring.

2. SAFETY INFORMATION

Please read all safety instructions before installing and operating this product. Failure to follow these instructions may result in injury or damage to the product or vehicle.

- **Professional Installation Recommended:** If you are unsure about any part of the installation process, consult a qualified automotive technician.
- **Power Source:** Connect the system only to a 12V DC power source. Incorrect voltage can damage the unit.
- **Wiring:** Ensure all wiring is properly insulated and secured to prevent short circuits or interference. Avoid routing cables near hot engine parts or sharp edges.
- **Visibility:** Do not obstruct the driver's view with the monitor. Mount it in a location that is easily visible but does not impede driving.
- **Water Resistance:** The camera is water-resistant, but avoid submerging it or directing high-pressure water jets directly at it.
- **Parking Aid:** This system is a parking aid and should not replace careful driving and direct observation. Always check

your surroundings manually before reversing.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 4.2-inch Color LCD Monitor with Anti-Glare Visor
- Rear View Camera with Mount
- Video Cable (RCA)
- Power Cables for Monitor and Camera
- Instruction Manual (this document)



Image 2: All components of the GOTHAM Rear View Camera Kit, including the monitor, camera, and various cables, laid out on a white surface.

4. SETUP & INSTALLATION

Follow these steps for proper installation of your GOTHAM Rear View Camera Kit.

4.1. Camera Installation

1. **Choose a Mounting Location:** The camera should be mounted at the rear of the vehicle, typically above the license plate or near the trunk handle, to provide a clear, unobstructed view. Refer to Image 4 for ideal placement suggestions.
2. **Secure the Camera:** Use the provided mount and screws to securely attach the camera to the chosen location. Ensure the camera is angled correctly for optimal viewing.
3. **Route Camera Cables:** Carefully route the camera's video and power cables into the vehicle interior. Ensure cables are protected from moisture, heat, and moving parts.



Image 3: The compact GOTHAM rear view camera with its attached RCA video cable (yellow connector) and power cable (red connector).

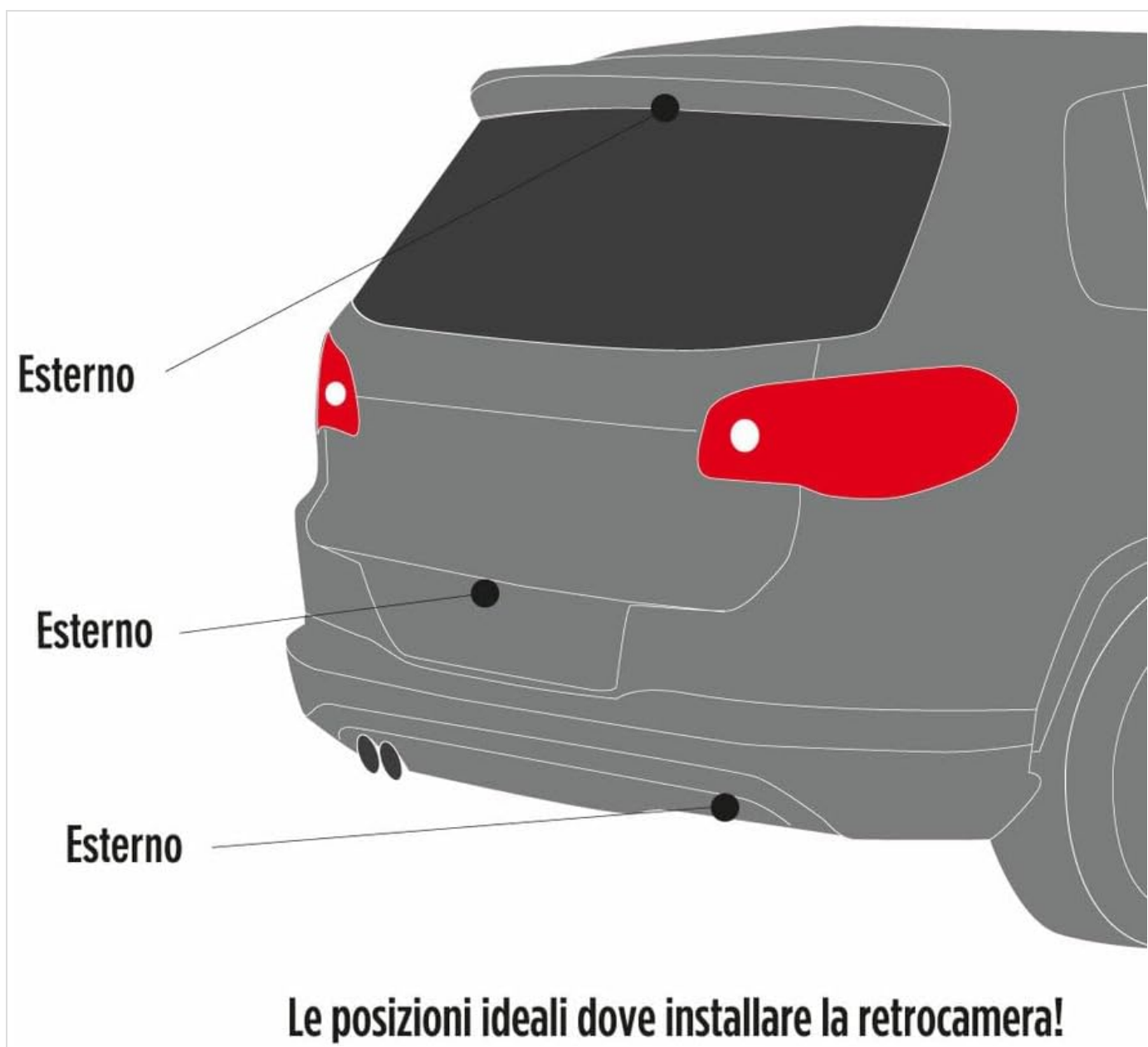


Image 4: A diagram illustrating recommended external mounting positions for the rear view camera on a vehicle, typically near the license plate or bumper.

4.2. Monitor Installation

1. **Mount the Monitor:** Place the 4.2-inch LCD monitor on your dashboard or another suitable location that does not obstruct your view of the road. The monitor comes with a stand for easy placement.
2. **Connect Video Cable:** Connect the yellow RCA video cable from the camera to the video input (AV1 or AV2) on the monitor.
3. **Connect Power:** Connect the monitor's power cable to a 12V DC power source. For automatic activation, connect the camera's power cable to the vehicle's reverse light circuit. Connect the monitor's power cable to a switched 12V source or also to the reverse light circuit if you only want it on when reversing.



Image 5: The GOTHAM 4.2-inch LCD monitor, featuring an anti-glare visor and RCA input connectors for video and power.



Image 6: The GOTHAM 4.2-inch LCD monitor and the rear view camera, shown together with their respective connection cables.

5. OPERATING INSTRUCTIONS

Once installed, the GOTHAM Rear View Camera Kit operates simply:

- **Automatic Activation:** If wired to the reverse light circuit, the monitor will automatically display the camera feed when the vehicle is shifted into reverse gear.
- **Parking Lines:** The camera provides colored parking assistance lines on the screen to help estimate distance and trajectory.
- **Monitor Display:** The 4.2-inch color LCD provides a wide-angle, high-definition view. The anti-glare visor helps improve visibility in bright conditions.

6. MAINTENANCE

To ensure the longevity and optimal performance of your camera kit:

- **Cleaning the Camera Lens:** Regularly clean 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 LCD screen. Do not spray cleaning solutions directly onto the screen.
 - **Check Connections:** Periodically inspect all cable connections to ensure they are secure and free from corrosion or damage.
 - **Weather Protection:** While the camera is water-resistant, extreme weather conditions (e.g., heavy snow, ice) may temporarily affect performance. Clear any obstructions from the lens before use.

7. TROUBLESHOOTING

If you encounter issues with your GOTHAM Rear View Camera Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	No power to monitor or camera; Loose video cable connection; Faulty camera or monitor.	Check all power connections; Ensure video cable is securely plugged in; Test components if possible.
Poor image quality (blurry, distorted)	Dirty camera lens; Loose video connection; Electrical interference.	Clean camera lens; Secure video cable; Reroute cables away from power sources if interference is suspected.
Monitor does not turn on automatically	Camera/monitor not wired to reverse light circuit; Faulty reverse light switch.	Verify wiring to reverse lights; Check reverse light functionality.

8. SPECIFICATIONS

Camera Specifications:

- **Sensor:** CMOS
- **Illumination:** 0.01 Lux
- **Effective Pixels:** 720x576
- **Resolution:** 480 TV Lines
- **Viewing Angle:** 170°
- **Image Vision Area:** 4.3x3.4mm
- **Video System:** PAL/NTSC
- **Power:** DC 11-13V
- **S/N Ratio:** >50 dB
- **Video Output:** 1.0Vp-p, 75 Ohms
- **Weather Resistance:** Water-resistant for all weather conditions

Monitor Specifications:

- **Type:** TFT LCD
- **Screen Size:** 4.2 Inches
- **Resolution:** 480(W) RGB x 272(H)
- **Aspect Ratio:** 16:9
- **Video System:** PAL/NTSC
- **Video Input:** 2 AV Inputs

- **Power Supply:** DC 12V
- **Consumption:** 1.3W
- **Charge Current:** 100 mA

9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact GOTHAM customer service. Specific warranty details may vary by region and retailer.


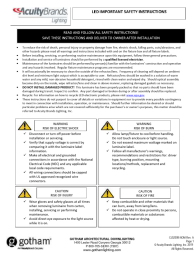

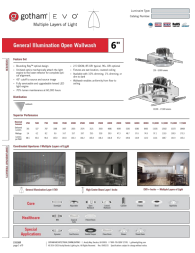
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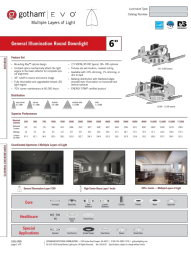
Model Number: PARK/LCD-DIS-42+CAM/BK

ASIN: B01BKDA32K

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Related Documents - PARK/LCD-DIS-42+CAM/BK

	<p>Gotham IVO™ 6" Square Adjustable New Construction LED Downlight</p> <p>Detailed specifications, features, ordering information, and installation guide for the Gotham IVO™ 6" Square Adjustable New Construction LED downlight. Includes photometric data, control options, and dimensional drawings.</p>
	<p>Gotham ICO & EVO 2-inch LED Downlight Installation Instructions</p> <p>Comprehensive installation guide for Gotham Architectural Downlighting's ICO and EVO 2-inch LED luminaires, detailing safety precautions, product variants, wiring, and mounting procedures for both downlight and adjustable models.</p>
	<p>Gotham IVO™ 4-Inch Round Shallow Recessed Wall Wash Luminaire New Construction & Remodel</p> <p>Comprehensive product datasheet for the Gotham IVO™ 4-inch round shallow recessed wall wash luminaire. Features include ultra-shallow design, perfect color consistency, and various trim, reflector, and control options for new construction and remodel applications.</p>
	<p>Gotham EVO 6" General Illumination Open Wallwash - Product Specifications and Data</p> <p>Comprehensive technical specifications, features, performance data, ordering information, dimensional drawings, and control system details for the Gotham EVO 6" General Illumination Open Wallwash LED luminaire by Gotham Lighting.</p>

	<p>Gotham IVO™ 4" Square Shallow Recessed Wall Wash Luminaire - Specification Sheet</p> <p>Comprehensive specification sheet for the Gotham IVO™ 4-inch square shallow recessed wall wash luminaire. Details features, performance, ordering options, dimensions, installation, controls, and photometry for new construction and remodel applications.</p>
	<p>Gotham EVO 6-inch General Illumination Round Downlight LED Lighting</p> <p>Discover the Gotham EVO 6-inch General Illumination Round Downlight, a versatile LED luminaire designed for superior light quality and performance. Featuring advanced optical design, multiple distribution patterns, and compatibility with nLight® control systems, it's ideal for a wide range of architectural applications.</p>