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> Rohent Backup Camera Instruction Manual (Model B09TGFGT1S)

## Rohent B09TGFGT1S

# Rohent Backup Camera Instruction Manual

Model: B09TGFGT1S

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Rohent Backup Camera. This wireless camera system is designed to enhance safety and convenience when maneuvering large vehicles such as trucks, trailers, and campers. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.



Image 1.1: Rohent wireless backup camera system in use with a truck and RV.

## 2. SAFETY INFORMATION

Always prioritize safety when operating your vehicle. The backup camera is an auxiliary device intended to assist with visibility and should not replace direct observation or proper driving techniques. Ensure all

connections are secure and properly insulated to prevent electrical hazards. Do not attempt to repair the device yourself; contact customer support for assistance.

- Always check your surroundings manually before backing up.
- Ensure the camera lens is clean and unobstructed for clear visibility.
- Mount the monitor securely to avoid obstructing your view or becoming a projectile during sudden stops.
- Adhere to all local traffic laws and regulations regarding vehicle modifications.

### 3. SPECIFICATIONS

Feature	Specification
Brand	Rohent
Model Number	B09TGFGT1S
Compatible Devices	Monitor
Installation Type	Dashboard Mount
Optical Sensor Technology	CCD, CMOS
Lens Type	Wide Angle
Real Angle of View	150 Degrees
Connector Type	Wireless
Optical Sensor Size	1/3 inch
Video Capture Resolution	1080p
Waterproof Rating	IP69K
Operating Temperature	-22°F to 176°F (-30°C to 80°C)



Image 3.1: Example of camera mounting on an RV.

## 4. SETUP AND INSTALLATION

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Proper installation is crucial for optimal performance. This section outlines general steps. Specific vehicle configurations may require professional installation.

### 4.1 Camera Installation

1. **Choose a Mounting Location:** Select a central location at the rear of your vehicle (truck, trailer, or camper) that provides a clear, unobstructed view. Common locations include above the license plate, near the top center of the rear, or on a dedicated bracket.
2. **Secure the Camera:** Use the provided mounting hardware to securely attach the camera. Ensure it is firmly fixed to withstand vehicle movement and vibrations.
3. **Connect Power:** Connect the camera's power cable to a 12V-24V DC power source. For continuous monitoring, connect to a constant power source. For activation only when reversing, connect to your vehicle's reverse light circuit. Ensure all connections are waterproof and insulated.

### 4.2 Monitor Installation

1. **Mount the Monitor:** Attach the monitor to your dashboard or windshield using the provided dashboard mount. Position it where it does not obstruct your view of the road or interfere with airbags.
2. **Connect Power:** Plug the monitor's power cable into your vehicle's 12V accessory outlet (cigarette lighter socket).



Image 4.1: Monitor displaying camera feed.

### 4.3 Pairing (Wireless Connection)

The camera and monitor are typically pre-paired at the factory. If no image appears or the connection is lost, you may need to re-pair them:

1. Ensure both the camera and monitor are powered on.
2. Access the monitor's menu and locate the "Pairing" or "Add Camera" option.
3. Follow the on-screen prompts to initiate the pairing process. The monitor will search for available cameras.
4. Once paired, the camera's video feed will appear on the monitor.

## 5. OPERATING INSTRUCTIONS

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Once installed and powered, your Rohent Backup Camera system is ready for use.

## 5.1 Basic Operation

- **Power On/Off:** The monitor will typically power on automatically when the vehicle's ignition is on or when the camera receives power (if connected to reverse lights). Use the power button on the monitor to manually turn it on or off.
- **Channel Selection:** If you have multiple cameras, use the "CH" button on the monitor to switch between camera views.

## 5.2 Menu Settings

Use the "MENU" button to access settings and navigate with the arrow buttons and "ENTER" or "SEL" button.

- **Brightness/Contrast:** Adjust these settings for optimal image clarity based on lighting conditions.
- **Image Flip/Mirror:** This feature allows you to adjust the image orientation. You can choose between Normal, Mirror, Inverted Front, and Inverted Mirror views to suit your preference and camera mounting position (e.g., for front view or rear view).
- **Parking Lines:** Enable or disable parking guidelines. These lines assist in judging distance and vehicle trajectory.



Image 5.1: Illustration of the image flip/mirror function.



Image 5.2: Parking safety guidelines displayed on the monitor.

### 5.3 Night Vision

The camera features enhanced night vision capabilities, providing clear images even in low-light conditions. This ensures visibility during nighttime backing maneuvers.



Image 5.3: Day and night vision comparison.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your backup camera system.

- **Cleaning the Lens:** Periodically 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:** Wipe the monitor screen with a soft, dry cloth. Do not spray cleaning solutions directly onto the screen.
- **Check Connections:** Regularly inspect all power and signal connections for corrosion or looseness. Ensure waterproof seals are intact.
- **Weather Resistance:** The camera is IP69K waterproof and designed to withstand extreme temperatures (-22°F to 176°F). However, prolonged exposure to harsh conditions may still affect performance over time.



Image 6.1: Camera operating reliably in various weather conditions.

## 7. TROUBLESHOOTING

If you encounter issues with your Rohent Backup Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	No power to camera or monitor; Loose connection; Unpaired devices.	Check power connections for both camera and monitor. Ensure all cables are securely plugged in. Re-pair the camera and monitor (refer to Section 4.3).
Image is distorted or flickering	Interference; Weak signal; Damaged cable/camera.	Ensure no other wireless devices are causing interference. Check for obstructions between camera and monitor. Inspect cables for damage. Try re-pairing.
Image is upside down or mirrored incorrectly	Incorrect image flip setting.	Access the monitor's menu and adjust the "Image Flip/Mirror" setting (refer to Section 5.2).
Parking lines are not visible or incorrect	Parking lines disabled; Camera angle incorrect.	Enable parking lines in the monitor's menu. Adjust the camera's physical angle if necessary.
Camera not working in cold/hot weather	Extreme temperatures outside operating range; Power supply issues.	Ensure temperatures are within the specified operating range (-22°F to 176°F). Check power connections, as extreme temperatures can affect battery performance.

## 8. WARRANTY AND SUPPORT

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For warranty information, please refer to the official Rohent website or the documentation included with your purchase. If you require technical assistance or have questions not covered in this manual, please contact Rohent customer support through their official channels.

**Rohent Official Website:** [Visit the Rohent Store on Amazon](#)