

Rohent A70

Rohent Wireless Solar Backup Camera System

Model: A70 | 7-Inch DVR Monitor

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Rohent Wireless Solar Backup Camera System. Designed for RVs, trailers, trucks, and other vehicles, this system offers enhanced visibility and safety with its 1080P HD camera, 7-inch DVR monitor, and solar charging capabilities. Please read this manual thoroughly before use to ensure proper functionality and longevity of your device.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1x 7-Inch Monitor
- 1x Magnetic Backup Camera
- 1x Bracket for Monitor
- 1x Charging Plug
- 1x USB to Type-C Cable
- 1x Cigarette Lighter Adapter
- 3x Antennas
- 1x 3M Adhesive Gasket for Bracket
- 1x Instruction Manual and Other Accessories

Dual Power Options



Supports Up to 4 Cameras – Split View



 Package include 1 camera

Image: All components included in the Rohent A70 package.

3. SETUP

3.1 Camera Installation

The camera features a strong magnetic mount for quick installation without drilling or wiring. For non-metal surfaces (wood, fiberglass, aluminum), use the included metal plate for secure attachment.

Quick **1-Min Magnetic** Install

NO Drilling, NO Wiring



Image: Demonstrates the magnetic attachment of the camera to a vehicle.

Video: Official Rohent video demonstrating the installation and features of the A70 Solar Wireless Backup Camera System.

3.2 Monitor Mounting and Power

Mount the 7-inch monitor using the provided bracket, which supports both surface and windshield mounting. Connect the monitor to power using either the USB to Type-C cable or the cigarette lighter adapter.

Quick 1-Minute Setup – Zero Wiring or Drilling



Image: Illustration of quick setup for the camera and monitor, showing power options.

3.3 Antenna Connection

Attach the three antennas to the designated ports on the monitor for optimal wireless signal reception.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The camera and monitor are designed for automatic power synchronization. The camera turns on/off automatically with the monitor, simplifying operation.

Auto Power Sync

Camera turns On/Off automatically with the monitor



Image: Depicts the automatic power sync function between the camera and monitor.

4.2 Display Features

The 7-inch monitor provides a clear 1080P HD display with advanced infrared night vision for optimal visibility in all lighting conditions. Parking lines are displayed on the screen to assist with maneuvering.

1080P HD & Night Vision

Clear View Day or Night



Image: Shows the clear 1080P HD display and night vision feature.

4.3 DVR Recording

The monitor includes built-in DVR recording functionality. Insert a MicroSD card (not included) to capture and store driving footage for security and incident recording. The system supports loop recording.

Loop Recording Video



Image: Illustrates the loop recording feature with MicroSD card slot.

4.4 Expandable System

The system supports up to four cameras and four channels, allowing for comprehensive coverage of your vehicle. You can monitor multiple angles simultaneously using the split-screen view.



Image: Shows the monitor displaying a split view from multiple cameras.

5. MAINTENANCE

5.1 Battery Charging

The camera is equipped with a high-efficiency solar panel and a 15000mAh rechargeable battery. For initial use or after prolonged storage, fully charge the camera via the USB-C port. The solar panel provides continuous charging during daylight hours, minimizing the need for external power.

Large Solar Panel

Charging efficiency increased by 200%



High conversion

Solar powered

Upgraded 15000 mAh

Ultra-large Capacity Battery



USB Charging



Working 25H+



Image: Details the large solar panel and USB charging for the camera's battery.

5.2 Weather Resistance

The camera features an IP69 waterproof, dustproof, and impact-resistant housing, ensuring reliable operation in various weather conditions and temperatures ranging from -22°F to 176°F.

Solar Wireless Backup Camera with Magnetic Mount



Image: Highlights the IP69 waterproof rating of the camera.

6. TROUBLESHOOTING

- **No Power/Camera Not Turning On:** Ensure the camera is fully charged. If using the solar panel, confirm it receives adequate sunlight. For initial setup, charge via USB-C. If the monitor is not turning on, check its power connection (cigarette lighter or USB).
- **Weak or Unstable Signal:** Ensure the distance between the camera and monitor is within the recommended range (up to 320ft in open areas). Verify that the antennas are securely attached to the monitor. Minimize obstructions between the camera and monitor.
- **Poor Image Quality:** Check if the camera lens is clean and free from dirt or condensation. Ensure the monitor settings (brightness, contrast) are adjusted appropriately.
- **Camera Not Magnetically Attaching:** For non-metal vehicle bodies, use the included metal plate and screws for secure installation.

7. SPECIFICATIONS

Feature	Detail
Model Number	A70
Screen Size	7 Inches
Video Resolution	1080P HD
Night Vision	Infrared
Battery Capacity	15000mAh (Lithium Ion)
Charging	Solar Panel, USB-C
Wireless Signal Range	Up to 320ft (open areas)
Waterproof Rating	IP69
Operating Temperature	-22°F to 176°F
Expandability	Supports up to 4 cameras, 4-channel system
Installation Type	Magnetic, Surface Mount, Windshield Mount

Item Weight	3.39 pounds
Product Dimensions	10.24 x 7.99 x 3.15 inches

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Rohent Wireless Solar Backup Camera System, please refer to the contact details provided in your product packaging or visit the official Rohent website. Keep your purchase receipt for warranty claims.