OBEST 32035-US

OBEST Wireless Backup Camera System Instruction Manual

Model: 32035-US

Introduction What's in the Box Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides detailed instructions for the OBEST Wireless Backup Camera System, featuring a 7-inch recording monitor and a solar-powered RV rear view camera. Designed for enhanced vehicle safety, this system offers clear HD 1080P images, night vision capabilities, and a wide field of view, making it suitable for various vehicles including trucks, RVs, campers, and trailers. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of the product.



Figure 1: OBEST Wireless Backup Camera System showing the 7-inch monitor and the solar-powered camera unit.

2. What's in the Box

Verify that all components are present in the package:

- 1x 7 Inch Monitor
- 1x Backup Camera
- 1x Cigarette Lighter Adapter
- 1x USB Cable for Monitor

3. Setup

3.1 Camera Installation

The wireless backup camera features a strong neodymium iron boron permanent magnet for quick and tool-free installation. The magnetic surface is covered with soft rubber to prevent scratches to your vehicle's paint.

1. Ensure the camera is fully charged before first use.
2. Carefully attach the magnetic camera to a metal surface on the rear of your vehicle (e.g., tailgate, bumper). Ensure it is securely fastened.
3. Adjust the camera's angle manually by rotating it up or down by 90 degrees to achieve the desired view.



Figure 2: Magnetic installation of the camera on a vehicle's metal surface, showing the protective rubber layer.

3.2 Monitor Setup

The 7-inch monitor can be powered via the included cigarette lighter adapter or USB plug.

1. Mount the monitor in a suitable location within your vehicle, such as the dashboard or windshield, using the provided mounting bracket.
2. Connect the monitor to your vehicle's power source using the cigarette lighter adapter or USB cable.
3. Turn on the monitor. It should automatically connect to the camera via the 2.4GHz WiFi digital signal.



Figure 3: The 7-inch monitor displaying control buttons and options for customizing guide lines.

3.3 Initial Charging

The camera is equipped with a 15000mAh rechargeable battery and a 5W solar panel. For optimal performance, fully charge the camera using the USB-C port before its first use, especially if solar charging conditions are not ideal.



Figure 4: The camera unit highlighting its 15000mAh battery and integrated solar panel for continuous charging.

4. Operating Instructions

4.1 Powering On/Off and Signal

Turn on the monitor using its power button. The system utilizes a powerful digital signal with 2.4GHz WiFi transmission speed, ensuring stable and delay-free image display up to 36 feet. The camera automatically enters energy-saving sleep mode when the monitor is turned off, reducing power consumption.



Figure 5: Illustration of the camera's powerful digital signal transmission, reaching up to 36 feet.

4.2 Image Quality and Field of View

The camera provides high-definition 1080P images with an advanced wide-angle design (170° field of view), covering approximately 6 lanes of road. Equipped with infrared night vision, it captures clear images even in low light or darkness.



Figure 6: The camera's 1080P HD resolution and 170-degree wide-angle view for comprehensive coverage.

4.3 Multi-Functional Features

- **Loop Recording:** The monitor includes a loop recording function, similar to a dash cam, to continuously record footage.
- **2-Channel Design:** The system supports up to two cameras, allowing for expanded monitoring capabilities.
- **Adjustable Guide Lines:** Customize parking guide lines (width, vertical, horizontal position) directly from the monitor for precise maneuvering.

4.4 Video Demonstrations

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Video 1: Official product video demonstrating the solar wireless reversing camera with a 7-inch display. (Source: OBEST STORE)

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Video 2: Demonstration of radar and vibration sensing settings for the wireless backup camera. (Source: HongJiTai)

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Video 3: Explanation of auto sleep mode and time setting for the wireless backup camera. (Source: HongJiTai)

5. Maintenance

- **Solar Panel:** Keep the solar panel clean and free from obstructions to ensure efficient charging.
- **Waterproof Design:** The camera is professionally designed with IP69 waterproof and windproof functions, adapting to various harsh weather environments. Regular cleaning of the lens is recommended for clear visibility.
- **Battery Care:** When not in use for extended periods, ensure the camera is fully charged and stored in a cool, dry place.



Figure 7: The camera's IP69 waterproof rating, demonstrating its resilience in rainy, shockproof, sunny, and dustproof conditions.

6. Troubleshooting

- **No Signal:** Ensure both the camera and monitor are powered on and within the 36-foot transmission range. Check for any obstructions that might interfere with the digital signal.
- **Battery Not Charging:** Verify the solar panel is exposed to direct sunlight. If charging indoors, ensure the USB-C cable is properly connected to a power source.
- **Unclear Image:** Clean the camera lens. Check for any physical damage to the lens or monitor screen.
- **Monitor Not Turning On:** Ensure the monitor is correctly plugged into the cigarette lighter adapter or USB power source and that

the vehicle's power outlet is functional.

7. Specifications

Brand	OBEST
Model Number	32035-US
Screen Size	7 Inches
Product Dimensions	11 x 4.5 x 2.9 inches
Item Weight	2 pounds
Batteries	1 Lithium Polymer batteries required (included)
Compatible Devices	Truck, Pickups, RV, Campers, Horse Trailers
Installation Type	Surface Mount
Lens Type	Wide Angle
Real Angle of View	170 Degrees
Optical Sensor Size	1/3 inch
UPC	784482875058

8. Warranty & Support

For specific warranty details and customer support, please refer to the documentation included with your product or visit the official OBEST Store. You can find more information and contact options at the OBEST Store on Amazon.

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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.

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