

Airpuxem NP116S-EU6-ZQ

Airpuxem Magnetic Solar Wireless Reversing Camera System with 7-inch Monitor User Manual

Model: NP116S-EU6-ZQ

1. INTRODUCTION

Thank you for choosing the Airpuxem Magnetic Solar Wireless Reversing Camera System. This system is designed to provide enhanced visibility and safety for various vehicles, including RVs, cars, caravans, and trucks. Featuring a powerful magnetic base, solar charging, a high-capacity battery, and a 7-inch 1080P monitor with night vision, this system offers a convenient and reliable solution for your reversing and monitoring needs. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of the product.

2. PRODUCT COMPONENTS

The Airpuxem Magnetic Solar Wireless Reversing Camera System includes the following components:

- 7-inch Monitor
- Rear Camera (with integrated solar panel and magnetic base)
- Cigarette Lighter Power Cord (for monitor)
- U Bracket (for monitor dashboard mounting)
- Windshield Bracket (suction cup mount for monitor)
- Camera Power Cord (Type-C for camera charging)
- Screwdrivers and Screws (for optional permanent camera mounting)
- Remote Control
- Antennas (for camera and monitor)

Product List



7" Monitor



Rear Camera



Cigarette Lighter Power Cord



U Bracket



Windshield Bracket



Camera Power Cord



Screwdrivers and Screws



Remote Control



Antenna

Figure 2.1: Included Product Components

3. SETUP AND INSTALLATION

The Airpuxem reversing camera system is designed for easy, plug-and-play installation without complex wiring or drilling.

3.1 Initial Camera Charging

Before first use, it is recommended to fully charge the camera's built-in 9600 mAh battery for 5 to 6 hours using the provided Type-C camera power cord. This ensures optimal battery health and performance.

3.2 Camera Installation

1. **Magnetic Mounting:** The camera features a powerful magnetic base with 6 neodymium magnets. Simply attach the camera to any ferrous metal surface on the rear of your vehicle. The base includes a soft rubber protective layer to prevent scratches to your vehicle's paint. This method requires no drilling and allows for easy repositioning or removal.
2. **Optional Screw Mounting:** For a more permanent installation, use the provided screws and screwdrivers to securely mount the camera.
3. **Adjust Camera Angle:** The camera lens can be freely rotated 90° up and down to achieve the desired viewing angle.

Strong Magnetic Suction Easy Installation



Built-in Battery



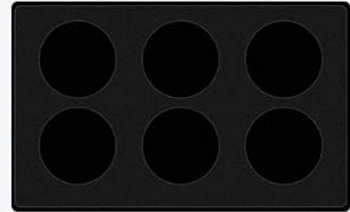
Magnetic Base



Easily moved to other vehicles



No Drilling



Rubber Base Protection

Prevent scratching your car paint when installing the camera

Easy Installation, Plug and Play



Portable Phone Charging



Figure 3.1: Magnetic Camera Installation and Monitor Setup

Solar Wireless Reverse Camera

 Rechargeable Powerful Battery

 Type-C charging Port

Our Long Working Time  

Others 



Figure 3.2: Solar and Type-C Charging Options for Camera

3.3 Monitor Installation

1. **Choose Mounting Location:** Select a suitable location on your dashboard or windshield that does not obstruct your view while driving.
2. **Attach Bracket:** Use either the U-bracket for dashboard mounting or the suction cup windshield bracket.
3. **Connect Power:** Plug the cigarette lighter power cord into your vehicle's 12-35V DC cigarette lighter socket and connect the other end to the monitor.

4. **Attach Antennas:** Screw the provided antennas onto both the camera and the monitor for stable signal transmission.

4. OPERATING INSTRUCTIONS

Once installed, the system is ready for operation. The monitor and camera will automatically pair.

4.1 Powering On/Off

- The monitor will power on automatically when connected to the vehicle's power supply.
- The camera will power on automatically when the vehicle is in reverse or when manually activated.
- Use the power button on the monitor or remote control to manually turn the system on or off.

4.2 Monitor Functions

The 7-inch monitor provides various display options and settings:

- **Full Screen View:** Displays the camera feed across the entire screen.
- **Split Screen View:** Supports displaying two camera feeds simultaneously (a second camera is not included and must be purchased separately).
- **Image Flip:** Adjust the image orientation (up/down, left/right) to suit your camera's mounting position.

Wireless Backup Camera Stable Signal



Full Screen



Split Screen



Figure 4.1: Monitor Display Modes and Signal Range



IR Night Vision
Vivid and realistic images

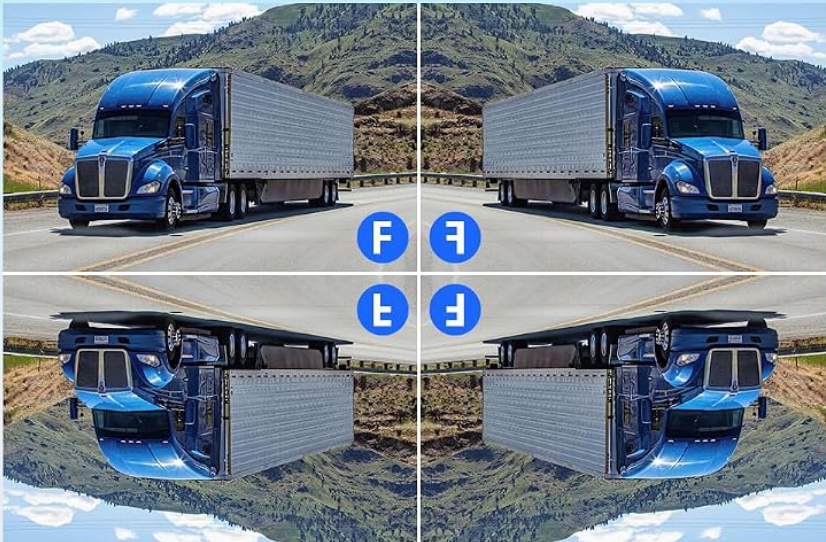


Image Flip
Flip Up/Down/Left/Right



IP69 Waterproof
No fear of bad weather



Figure 4.2: Night Vision, Image Flip, and Waterproof Features

4.3 Reversing Guide Lines

The system allows for customization of reversing guide lines:

- **Enable/Disable:** Turn the guide lines on or off as needed.
- **Adjust Width:** Customize the width of the guide lines.
- **Position Adjustment:** Move the guide lines left/right/up/down to accurately match your vehicle's dimensions.

DIY Reverseing Guide Line

Option to turn off and turn on the reversing guide line



Meeting Diverse Adjustment Needs



Figure 4.3: Guide Line and Monitor Adjustments

4.4 Video Recording Function

The system supports video recording:

- **Loop Recording:** Automatically overwrites unprotected video when the TF card is full.
- **TF Card Support:** Supports up to 128GB TF card (not included).
- **Playback:** Review recorded footage directly on the monitor.

Loop Recording Function

Automatically overwrites the unprotected video when the TF card is full



Supports Max 128 GB TF Card (no include TF Card)



Playback



On the Dashboard



On the Windshield

Figure 4.4: Loop Recording and Playback Features

4.5 Monitor Settings

Access the monitor's menu to adjust settings such as:

- Brightness
- Contrast
- Hue

- Volume

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your reversing camera system.

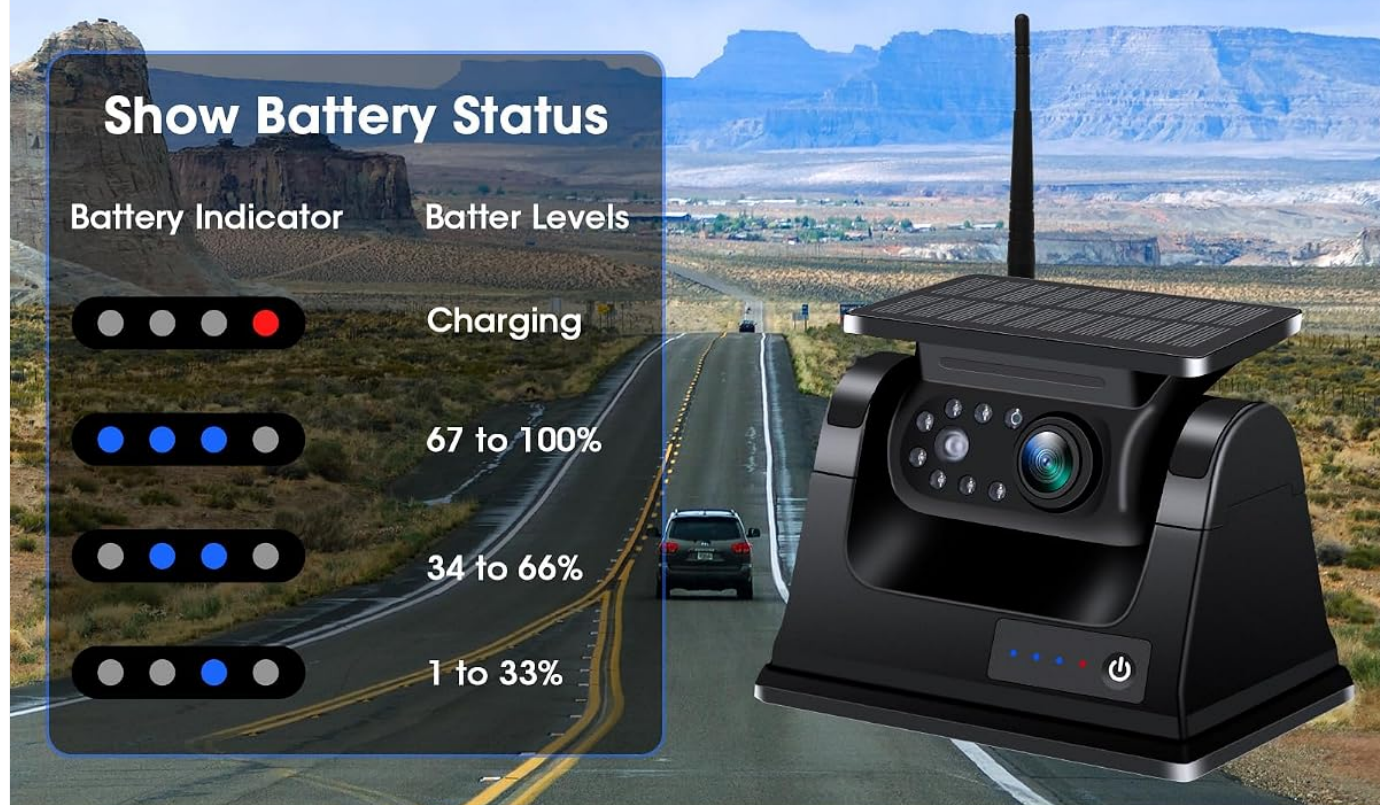
5.1 Camera Battery Charging

The camera features a 9600 mAh rechargeable battery with dual charging methods:

- **Solar Charging:** The integrated solar panel provides auxiliary charging, extending the camera's working time. Ensure the solar panel is clean and exposed to sunlight for efficient charging.
- **Type-C Charging:** For faster or full charging, use the provided Type-C camera power cord.

Monitor the battery status using the indicator lights on the camera or the battery level display on the monitor.

High-Capacity Rechargeable Battery



170° Viewing Angle



Figure 5.1: Camera Battery Status Indicator

5.2 Cleaning

- Wipe the camera lens and solar panel regularly with a soft, damp cloth to ensure clear vision and efficient solar charging.
- Clean the monitor screen with a soft, lint-free cloth. Avoid harsh chemicals.

5.3 Weather Resistance

The camera is IP69 waterproof, designed to withstand harsh weather conditions. However, avoid submerging the camera in water for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your Airpuxem reversing camera system, refer to the following common problems and solutions:

- **No Image on Monitor:**
 - Ensure the monitor is properly connected to power via the cigarette lighter adapter.
 - Check if the camera battery is charged.
 - Verify that both the camera and monitor antennas are securely attached.
 - Ensure the camera and monitor are within the effective signal range (up to 200 ft/60 m).
- **Unstable Signal/Flickering Image:**
 - Check for obstructions between the camera and monitor.
 - Ensure antennas are properly oriented and not obstructed.
 - Move the monitor closer to the camera if possible.
 - Ensure no other wireless devices are causing interference.
- **Camera Not Charging:**
 - Ensure the solar panel is clean and exposed to direct sunlight.
 - Verify the Type-C charging cable is securely connected to both the camera and a power source.
- **Recording Not Working:**
 - Ensure a compatible TF card (up to 128GB) is inserted correctly into the monitor.
 - Check if the TF card is full; the loop recording function should overwrite old files, but ensure it's enabled.
 - Format the TF card if issues persist.

If you experience problems not listed here, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Airpuxem
Model Number	NP116S-EU6-ZQ
Screen Size	7 Inches
Compatible Devices	Vehicles (RV, Car, Caravan, Truck)
Camera Connection Type	Wireless
Camera Battery Capacity	9600 mAh Lithium-polymer
Rechargeable Battery	Yes (Solar & Type-C)
Camera Installation Type	Magnetic Suction / Surface Mount
Operating Voltage	12-35 Volts (DC)

Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real View Angle	170 degrees
Camera Lens Rotation	90 degrees (Up/Down)
Waterproof Rating	IP69
Signal Transmission Range	Up to 200 ft / 60 m (open distance)
Monitor Dimensions (L x W x H)	18.5 x 5 x 13.8 cm
Recording Function	Loop Recording, Supports Max 128GB TF Card

8. WARRANTY AND SUPPORT

The Airpuxem wireless reversing camera system comes with 1 year of customer service. If you encounter any problems during use, please refer to the contact information provided in the product packaging or original instructions for assistance. This user manual is provided in English by default. If you require a version in another language, please contact our customer support team.

ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

