

[Manuals.plus](#) /

› [Pyhodi](#) /

› Pyhodi RVsTrailer Reverse Hitch Camera User Manual

Pyhodi Pyhodi0hyw1g7gx

Pyhodi RVsTrailer Reverse Hitch Camera User Manual

Model: Pyhodi0hyw1g7gx



1. INTRODUCTION

The Pyhodi RVsTrailer Reverse Hitch Camera is designed to enhance safety and convenience when reversing or hitching trailers, RVs, and trucks. This device provides a clear, wide-angle view of the area behind your vehicle, transmitted wirelessly to your smartphone. Key features include high-definition night vision, a waterproof design, and flexible installation options.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Pyhodi Reverse Hitch Camera
- USB Charging Cable
- Magnetic Mount Base
- Adhesive Mount Base
- Adjustable Holder/Bracket



Image: All components of the Pyhodi camera system laid out, including the camera, USB cable, and various mounting accessories.

3. SPECIFICATIONS

Brand	Pyhodi
Model Number	Pyhodi0hyw1g7gx
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real Angle of View	150 Degrees
Connector Type	Wireless
Optical Sensor Size	1/4 inch
Video Capture Resolution	1080p

Effective Still Resolution	2 MP
Video Capture Format	AVI
Battery	Built-in 600mAh
Waterproof Rating	IP54 (100% Waterproof)

4. SETUP AND INSTALLATION

Follow these steps to set up and install your Pyhodi Reverse Hitch Camera:

- 1. Charge the Camera:** Before first use, ensure the built-in battery is fully charged using the provided USB cable.
- 2. Choose Mounting Location:** Select a suitable location on your vehicle (car, RV, truck, or trailer) that provides an unobstructed view for reversing or hitching. Consider the camera's 150-degree wide-angle view.
- 3. Attach Mount Base:**
 - For metal surfaces, use the **magnetic mount base**.
 - For smooth, non-metal surfaces, use the **adhesive mount base**. Ensure the surface is clean and dry before applying the adhesive for optimal adhesion.
- 4. Secure Camera to Holder:** Attach the camera unit to the adjustable holder/bracket.
- 5. Adjust Camera Angle:** Position the camera to achieve the desired viewing angle. The adjustable holder allows for up to 210-degree rotation for optimal positioning.
- 6. Download Mobile App:** Download the "IWFCAM" application on your smartphone. It is available for both Android and iOS devices.
- 7. Connect via Wi-Fi:**
 - Turn on the camera.
 - On your smartphone, navigate to your Wi-Fi settings and connect to the camera's Wi-Fi network (usually named something like "IWFCAM_XXXX").
 - Open the IWFCAM app to establish a connection and view the live feed.



Super Night Vision

There are 4 infrared LED lights to help you see clearly in the dark.



100% Waterproof

Suitable for all weather conditions.

Image: The camera mounted on a trailer, illustrating its use as a reverse hitch guide with a wide field of view.



Image: The camera installed on the back of an RV, demonstrating its application as an RV reverse camera.

5. OPERATING INSTRUCTIONS

Once installed and connected, operate your camera using the IWFCAM mobile application:

- 1. Real-time Monitoring:** Open the IWFCAM app. Once connected, it will display a live video feed from the camera, allowing you to monitor the area behind your vehicle in real-time.
- 2. Video Recording and Photo Capture:**
 - Insert a TF card (up to 32GB, not included) into the camera's designated slot for local storage.
 - Use the recording and photo capture functions within the app to save video clips or still images. These files will be stored on both your mobile phone and the TF card.
- 3. Night Vision:** The camera is equipped with four infrared lights that automatically activate in low-light conditions,

providing clear images even in complete darkness.

4. Smart Functions (Motion and Sound Detection):

- To enable these features, navigate to the settings within the IWFCAM mobile application.
- When the camera detects a moving object or sound, it will send an alarm notification to your connected smartphone.
- The camera will automatically capture three photos and save them, along with a short video clip, to your mobile phone and the TF card.



Image: A car's display showing the camera's view with parking assistance lines, demonstrating its function as a backup camera system.

CONNECT ANYTIME OUTDOORS



APP IWFCAM Intelligent Detection

Move + sound-activated detection double arming mode



Intelligent Motion Detection



Intelligent Sound Detection

The camera will automatically take 3 photos and send back to the app and send an alarm notification to the phone. The camera will store the recorded video in SD card. (maximum 32G)

Image: A smartphone showing the IWFCAM app connected to the camera, providing real-time monitoring outdoors near an RV.



Image: A smartphone screen illustrating the camera's versatility for remote monitoring in various situations, such as reversing, observing pets, or general security.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your camera:

- **Cleaning:** Regularly clean the camera lens and body with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the lens or housing.
- **Waterproof Integrity:** While the camera is designed to be waterproof (IP54 rated), avoid submerging it for extended periods. Always ensure the USB charging port cover is securely closed when not charging to maintain its waterproof seal.
- **Battery Care:** Recharge the built-in battery as needed. For long-term storage, charge the battery to approximately 50% and store the camera in a cool, dry place to preserve battery life.

OUR	OTHERS
 VS   Equipped with a magnet and an adhesive double base, it is suitable for most scenes.  30 feet wireless connection, more than 30 feet need to establish a wifi connection with the mobile phone.  Perfect support for night vision and waterproof.  Reverse Hook Guide The viewing angle reaches 150°, and the product can be rotated 210°.	With only one base, the usage scenarios are very limited.  A network is required and the connection distance is limited.  There's no night vision, and it's not waterproof.  The viewing angle is only 120 degrees, and the product angle cannot be adjusted at will. 

Image: Visual representation of the camera's super night vision capabilities with infrared LEDs and its 100% waterproof construction.

7. TROUBLESHOOTING

If you encounter issues with your Pyhodi Reverse Hitch Camera, refer to the following troubleshooting guide:

• No Connection to App:

- Ensure the camera is powered on and fully charged.
- Verify your smartphone's Wi-Fi is enabled and correctly connected to the camera's Wi-Fi network.
- Try restarting both the camera and your smartphone.
- Ensure the IWFCAM app is updated to its latest version.
- Check for any physical obstructions or excessive distance that might interfere with the wireless signal, especially when used with larger vehicles like RVs.

• Poor Image Quality:

- Clean the camera lens with a soft cloth to remove dirt or smudges.

- Ensure there is adequate ambient lighting. The night vision feature should activate automatically in low light.
- Inspect the lens for any physical damage.

- **Motion/Sound Detection Not Working:**

- Confirm that the "Smart Function and Voice Detection Security Mode" is enabled within the IWFCAM app settings.
- Ensure the camera has a clear and unobstructed view of the area you wish to monitor for detection.

- **Missing Components:** If any components, such as the magnetic mount, are missing from your package upon arrival, please contact customer support immediately for assistance.

8. WARRANTY AND SUPPORT

For any product inquiries, technical assistance, or warranty claims, please contact Pyhodi customer support through your retailer or the contact information provided with your purchase. Please retain your purchase receipt as proof of purchase for warranty validation.