

LASTBUS L-WifiCam2

LASTBUS License Plate Wireless Backup Camera (Model L-WifiCam2)

INSTRUCTION MANUAL

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1. INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, maintenance, and troubleshooting of your LASTBUS License Plate Wireless Backup Camera, Model L-WifiCam2. This device is designed to enhance rear visibility for various vehicles, including cars, trucks, SUVs, pickups, trailers, and vans, by transmitting a live video feed to your smartphone or tablet via a 2.4Ghz WiFi signal.

2. SAFETY INFORMATION

- **Electrical Connection:** Ensure all electrical connections are secure and properly insulated to prevent short circuits or damage. Connect the camera to a 12-36V DC power source only.
- **WiFi Compatibility:** Confirm that your mobile device supports a 2.4 GHz WiFi signal for proper operation.
- **Installation:** Professional installation is recommended if you are unfamiliar with vehicle electrical systems.
- **Driving Safety:** The backup camera is an aid for safe reversing. Always check your surroundings directly and use your mirrors in conjunction with the camera feed.

3. PRODUCT OVERVIEW

The LASTBUS License Plate Wireless Backup Camera offers several features to assist with vehicle maneuvering:

- **Wide Angle View:** A 170° macro lens provides an expansive field of view, reducing blind spots.
- **Night Vision:** Equipped with upgraded infrared lights for clear imaging in low-light conditions.

- **IP69 Waterproof:** Designed with full-glued technology for reliable performance in various weather conditions.
- **No Delay & No Interference:** Utilizes an upgraded wireless module and image processor for smooth, real-time video transmission.
- **Universal Compatibility:** Suitable for vehicles using US standard license plates and 12-36V DC power.

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Figure 3.1: Key features of the LASTBUS Wireless Backup Camera, including wide-angle lens, guide lines, night vision, and IP69 waterproofing.



Figure 3.2: The camera's IP69 waterproof and dust-proof design ensures high performance in all weather conditions.

4. PACKAGE CONTENTS

Verify that all items are present in your package:

- LASTBUS License Plate Wireless Backup Camera (Model L-WifiCam2)
- Power Cable
- Instruction Manual

5. SETUP GUIDE

Follow these steps to install and set up your wireless backup camera:

5.1 Step 1: Install the Camera

Mount the camera, which is integrated into a license plate frame, onto your vehicle's rear license plate. Ensure the camera lens is unobstructed and positioned for optimal viewing. The camera is designed to fit US standard license plates.

WiFi Backup Camera for Safer Parking



Guide Line



No Monitor Needed



Figure 5.1: The wireless backup camera integrated into a license plate frame.

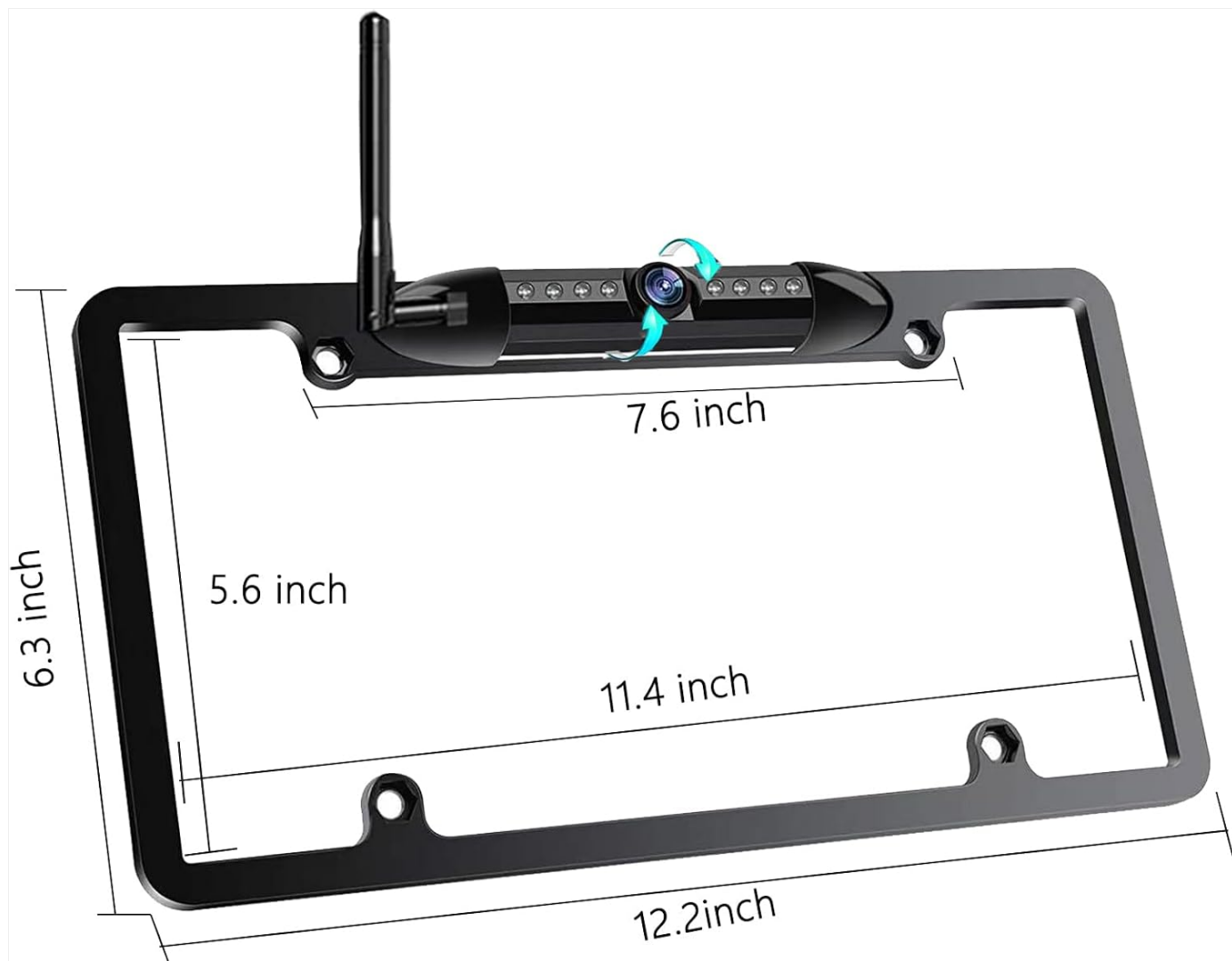


Figure 5.2: Dimensions of the LASTBUS License Plate Wireless Backup Camera.

5.2 Step 2: Power Connection

Connect the power wire of the backup camera to a 12-36V DC power source. This can typically be done by connecting to your vehicle's running lights, reversing lights, or an auxiliary charging circuit. When the connected light/power source is active, the camera will power on.

- **Option 1 (Running Lights):** Connect the camera's power wire to your vehicle's running lights. This will power the camera whenever your running lights are on.
- **Option 2 (Reversing Lights):** Connect the camera's power wire to your vehicle's reversing lights. This will power the camera only when the vehicle is in reverse.
- **Option 3 (12-36V DC Jack):** Use a cigarette lighter adapter to connect to a 12-36V DC socket for power.

12-24V DC USA License Plate Camera



Figure 5.3: Power connection options for the camera.

5.3 Step 3: App Installation

Download and install the recommended application, "MH Cam," on your smartphone or tablet. The app is available on both the Apple App Store for iOS devices and Google Play Store for Android devices.

Figure 5.4: The camera is compatible with both iOS and Android devices via the dedicated app.

5.4 Step 4: Connect to Camera WiFi

Once the camera is powered on, it will create its own WiFi signal (e.g., "SONIX_XXXXXX"). Go to your mobile device's WiFi settings and connect to this network. **Note: This WiFi network does not provide internet access.**

5.5 Step 5: Open the App

Launch the "MH Cam" application on your mobile device. The app will automatically connect to the camera's WiFi signal and display the live video feed.

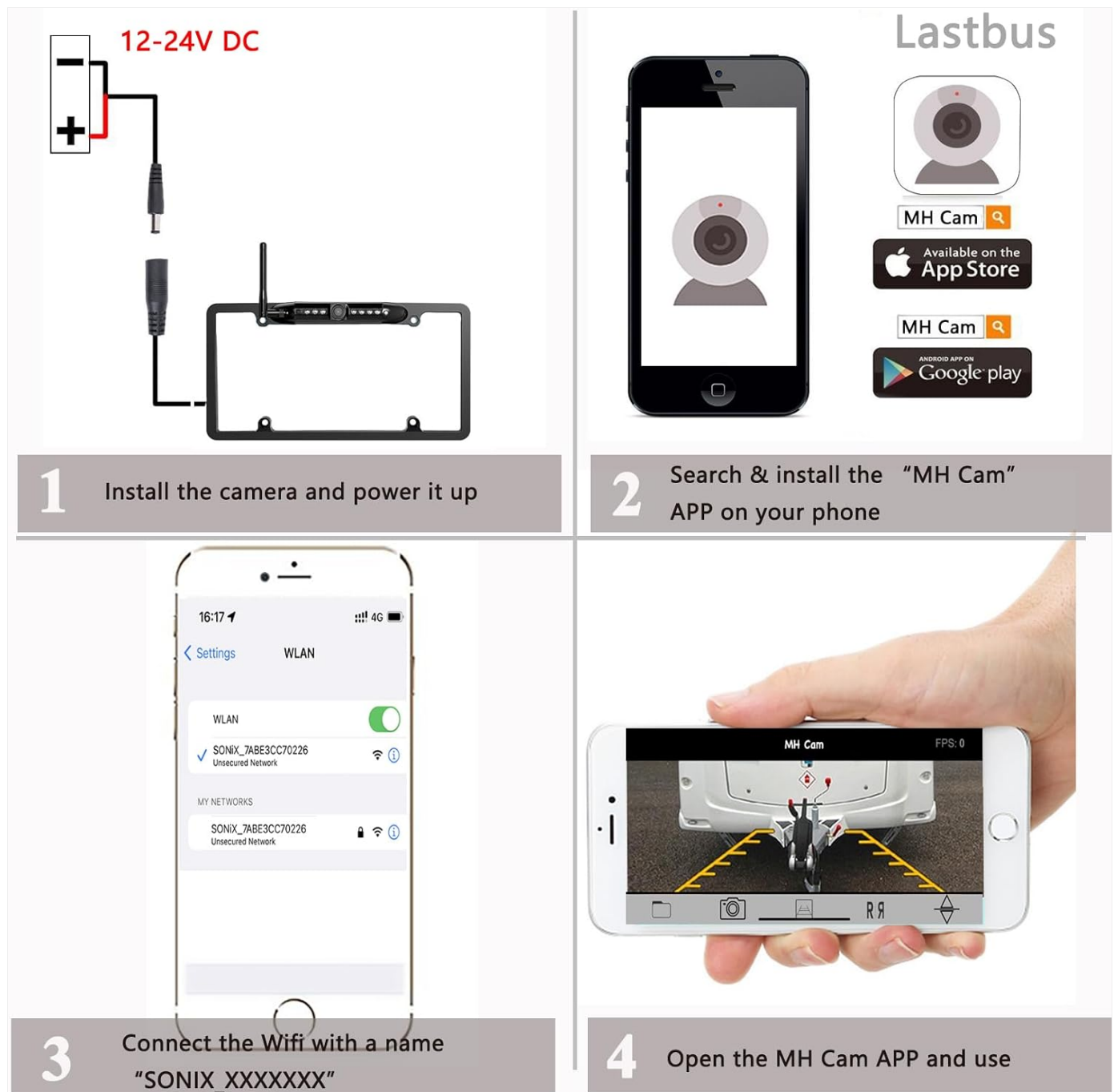


Figure 5.5: Visual guide for the camera setup process.

6. OPERATING THE CAMERA

6.1 Viewing the Live Feed

After completing the setup, open the "MH Cam" app to view the real-time video feed from the backup camera. The app displays images at 25 frames per second, ensuring a smooth and responsive view.

LASTBUS Wifi Wireless Backup Camera for iPhone/Android



Figure 6.1: Live video feed displayed on a mobile device.

6.2 App Features

The "MH Cam" app provides several functions:

- **Guide Lines:** Adjustable parking guide lines are displayed on the screen to assist with parking and reversing.
- **Mirror/Normal View:** Toggle between mirror image and normal image display modes.
- **Screenshot:** Capture still images from the live video feed.
- **Storage:** Access saved screenshots or video recordings (if available).
- **Settings:** Adjust various camera and app parameters.



Figure 6.2: The 170° wide-angle view provides comprehensive coverage.



Figure 6.3: The camera's night vision feature provides clear images in dark environments.

7. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to ensure a clear view. Avoid abrasive cleaners.
- **Connection Check:** Periodically inspect the power cable and connections for any signs of wear or damage. Ensure they remain secure.
- **Software Updates:** Check the App Store or Google Play Store for updates to the "MH Cam" app to ensure optimal performance and access to new features.

8. TROUBLESHOOTING

8.1 No Image or Connection Issues

- **Check Power:** Ensure the camera is receiving power from the vehicle's electrical system (e.g., running lights, reversing lights, or DC jack). Verify the power source is active.
- **WiFi Connection:** Confirm your mobile device is connected to the camera's specific WiFi network (e.g., "SONIX_XXXXXX") and not your home or cellular network.
- **2.4 GHz Support:** Verify that your mobile device supports 2.4 GHz WiFi. The camera operates exclusively on this frequency.
- **App Status:** Close and reopen the "MH Cam" app. If issues persist, try reinstalling the app.
- **Vehicle Interference:** Some vehicle electrical systems may cause interference. Ensure wiring is properly shielded and connections are solid.

8.2 Dark or Unclear Image

- **Clean Lens:** Ensure the camera lens is clean and free from dirt, dust, or moisture.
- **Lighting Conditions:** While the camera has night vision, extreme darkness may still limit visibility. Ensure adequate ambient light if possible.

8.3 Intermittent Connection or Freezing

- **Power Stability:** An unstable power supply can cause intermittent connection. Ensure the power source is consistent.
- **App Performance:** Ensure your mobile device has sufficient resources (RAM, storage) for the app to run smoothly.

9. SPECIFICATIONS

Feature	Specification
Brand	LASTBUS
Model Number	L-WifiCam2
Product Dimensions (L x W x H)	12.2" x 6.3" x 1.37"
Compatible Devices	Android, Cell phone, Smartphone, iPad, iPhone
Installation Type	Connect to car lights / auxiliary charging circuit
Voltage	12-36 Volts DC
Optical Sensor Technology	CCD
Lens Type	Macro
Real Angle of View	170 Degrees
Connector Type	2.4Ghz WiFi Signal
Video Capture Resolution	1024x600 pixels
Effective Still Resolution	540
Waterproof Rating	IP69

10. WARRANTY AND CUSTOMER SUPPORT

LASTBUS is committed to providing excellent customer service and support for your product.

- **Warranty:** The product includes a 12-Month Replacement Warranty.
- **Money-Back Guarantee:** A 60-Day Money-Back Guarantee is provided.
- **Lifetime Support:** Enjoy lifetime technical support for your LASTBUS backup camera.
- **Customer Service:** 24-hour online customer service is available to assist with any inquiries or issues.

For assistance, please contact LASTBUS customer service via the contact information provided in your product packaging or on the official LASTBUS website.

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