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> GreenYi 5G WiFi License Plate Backup Camera User Manual (Model GreenYi-124)

## GreenYi GreenYi-124

# GreenYi 5G WiFi License Plate Backup Camera User Manual

Model: GreenYi-124

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your GreenYi 5G WiFi License Plate Backup Camera. This advanced camera system offers a faster and more stable signal transmission compared to 2.4GHz WiFi cameras, ensuring a clear 1280x720p HD image with a 130-degree viewing angle. It is designed for use with various smart devices and vehicles, enhancing your reversing and parking experience.

## PACKAGE CONTENTS

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Please verify that all items listed below are included in your package:

- 1 x 5G WIFI Rear Camera (integrated into license plate frame)
- 1 x 11.5FT 4-pin Power Cable
- 1 x 16.5FT USB Power Cable
- 1 x User Manual
- 4 x Backup Screws
- 1 x Electronic Tape
- 1 x Panel Removal Tool
- 1 x Screwdriver
- 2 x T-tap Set
- 5 x Wire Clamps
- 5 x Zip Ties

# PACKAGE CONTENT

1.



5G WIFI License Plate Backup Camera

2.



16.5FT USB Power Cable

3.



11.5FT 4-pin Power Cable

4.



User Manual

5.



Packing Box

6.



5\* Wire Clamps

7.



Electrical Adhesive Tape

8.



Thanks Card

9.



Removal Tool

10.



5\* Zip Ties

11.



Screwdriver

12.



2\* T-tap Set (color by random)

13.



Screw x4

Image: All components included in the GreenYi 5G WiFi License Plate Backup Camera package, laid out for inspection.

Video: An unboxing demonstration showing the contents of the GreenYi WiFi backup camera package.

## DEVICE COMPATIBILITY

This GreenYi WiFi Wireless backup camera is compatible with a range of smart devices and vehicle types:

- **Smart Devices:** iPhones (4 or above), iPads, Android phones, Android tablets, and car central consoles.
- **WiFi Requirement:** Your device must support Dual Band WiFi (IEEE 802.11 a/b/g/n/ac 2.4Ghz and 5Ghz) in its WLAN function. Please check your device's official specifications to confirm.
- **Operating System:** Android 5 or above, and iOS 7 or above.
- **Vehicle Types:** Cars, Campers, SUVs, RVs, Sedans, and other vehicles that can provide ACC 10-30V or USB 5V power supply.

Note: Older or budget-friendly Android devices may not support Dual Band WiFi. Please verify compatibility before use.



Image: Diagram illustrating the wide range of compatible devices (iPhones, Android phones, iPads, Android tablets, car central consoles) and vehicle types (SUVs, Campers, Minivans, Sedans) for the GreenYi 5G WiFi License Plate Backup Camera.

## SETUP AND INSTALLATION

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### 1. App Download

Download the "JoyTrip" application from your device's app store. Search for "JoyTrip" in Google Play Store (for Android) or Apple App Store (for iOS), or scan the QR code provided in the physical user manual.

### 2. Power Connection

Connect the camera to a suitable power source. The camera requires ACC 10-30V or USB 5V. We recommend connecting it to an ACC 12V constant power supply, such as reversing lights, running lights, tail lights, or brake lights, depending on your desired functionality (e.g., only when reversing, or continuously).

### 3. WiFi Connection

After powering the camera, go to your smart device's WiFi settings. Locate and connect to the WiFi hotspot that starts with "car....".

### 4. View Camera Feed

Open the "JoyTrip" app. The live image feed from the camera should now be displayed on your device.

# Steps to Use the WIFI Camera



**1 Download the APP**  
Search JoyTrip in Google Play or App Store OR scan the QR code in the manual



**2 Wiring Demo**  
Connect the camera to ACC 10-30V or USB 5V power supply



**3 WIFI Connection Demo**  
Enter WIFI settings and connect to WIFI hotspot starting with "Car-...."



**4 APP Display Effect**  
Open the JoyTrip App to view the image from camera

Image: A step-by-step visual guide demonstrating how to download the app, connect the camera to power, establish a WiFi connection, and view the camera feed on a smartphone.

# The WiFi Antenna can't touch any metal



Image: Close-up view of the WiFi antenna, emphasizing that it should not touch any metal surfaces to ensure optimal signal transmission.

## OPERATING INSTRUCTIONS

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### Front and Rear View Functionality

The camera defaults to a mirror image for rear view use. To switch to a non-mirror image for front view applications, adjust the settings within the JoyTrip app.

# Can Be Used as Both Rear or Front Camera

Forward



Rearview



Front



Mirror



11:15 ↗



## SETTINGS

Video Flip Horizontal



Auxiliary Reversing Line



User Manual



Privacy Policy



App version

1.6.2

Image: Demonstrates how the camera can be used for both front and rear views, showing the difference between forward (non-mirror) and rearview (mirror) images, and the in-app setting to flip the horizontal view.

## Adjustable Guidelines and Recording

The JoyTrip app allows you to customize the parking guidelines. You can toggle guidelines on/off in the settings. Additionally, by long-pressing the guideline in the horizontal screen state, you can adjust its width, narrowness, height, and lower position to suit your preference. The app also supports taking pictures and recording videos, which are saved for later viewing and sharing.

# Adjustable Camera Body and Super Night Vision Performance



Guideline Can be adjusted to any shape as you wish



Image: Shows the camera body's 90-degree adjustability and the 8 infrared LEDs for night vision. Also illustrates how parking guidelines can be adjusted for width and height.



Video: Demonstrates the APP installation and various functions, including recording and image capture.



Video: Shows the intelligent voice call startup feature and other functions on an Android phone.



Video: Demonstrates the intelligent voice call startup feature on an iPhone.

## Intelligent Voice Call Startup and Screen Rotation

You can launch the JoyTrip app using voice commands on both Android and iOS devices, even when the screen is off (you may need to unlock the screen if a lock is set). When your device is placed horizontally, the screen will automatically rotate to full screen mode for an optimized view.

# Intelligent Voice Call Startup



Image: Illustrates the intelligent voice call startup feature, showing a driver activating the JoyTrip app using voice commands like "Hey, Siri, open JoyTrip".

## Night Vision Performance

The camera is equipped with 8 infrared LEDs, providing a night vision distance of 5-10 meters with a minimum illumination of 0.1 Lux, ensuring clear visibility in low-light conditions.

## MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to ensure a clear image. Avoid abrasive cleaners.
- **Wiring Inspection:** Periodically check all wiring connections for any signs of wear, corrosion, or looseness. Ensure the WiFi antenna does not touch any metal surfaces.
- **Waterproofing:** The camera is IP68 waterproof. However, avoid high-pressure washing directly onto the camera to prevent potential damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed on app.	Camera not powered. Incorrect WiFi connection. Device not Dual Band WiFi compatible. App not open or crashed.	Check power connections (ACC 10-30V or USB 5V). Ensure your device is connected to the camera's "car...." WiFi hotspot. Verify your smart device supports Dual Band WiFi (2.4Ghz and 5Ghz). Restart the JoyTrip app.
Image freezes or signal is unstable.	WiFi interference. Antenna obstructed by metal. Weak WiFi signal.	Ensure the camera's WiFi antenna is clear of metal obstructions. Move closer to the camera if possible (though typically mounted on vehicle rear). Ensure no other strong 5Ghz WiFi sources are causing interference.
Cannot adjust guidelines.	Incorrect screen orientation. Feature not activated.	Ensure your device is in horizontal screen mode. Long-press the guideline within the app to activate adjustment mode.
Voice command not working.	Device screen locked. Voice assistant not enabled. App not properly integrated.	Unlock your device screen if it's locked. Ensure your device's voice assistant (Siri, Google Assistant) is active and configured. Check app permissions for microphone access.

## SPECIFICATIONS

Feature	Detail
Brand	GreenYi
Model Number	GreenYi-124
Product Dimensions	12.2"L x 6.3"W x 1.3"H
Installation Type	On the License Plate
Voltage	10-30 Volts (ACC), 5 Volts (USB)
Optical Sensor Technology	CMOS

Feature	Detail
Lens Type	Wide Angle
Real Angle of View	130 Degrees
Connector Type	4-Pin Mini DIN
Optical Sensor Size	1/3 inch
Video Capture Format	H.264 High Profile
Effective Still Resolution	0.92 MP
Lux Rating	0.1 Lux (Minimum Illumination)
Video Capture Resolution	HD 1280x720 Pixels
Night Vision	8PCS Infrared LEDs, 5-10M distance
Waterproof Rating	IP68
Weight	1.6 Pounds
UPC	713741292275

## WARRANTY AND SUPPORT

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GreenYi provides the following warranty and support for your product:

- **Money Back Guarantee:** 1 Month
- **New Replacement:** 2 Years
- **Service:** Lifetime Support

For technical assistance or warranty claims, please refer to the contact information provided in your product packaging or visit the official GreenYi website.

