

WiFi Camera User Manual



Why We Have This?

The design intention of the WiFi APP Camera is to make vehicle camera systems more flexible, smarter, more cost-effective, and easier to use, especially suitable for:

Vehicles where installing a dedicated monitor is inconvenient

Users who prefer to view the camera image directly on their smartphone or tablet

“Use your phone instead of a traditional monitor — simpler installation, greater freedom in use.”

Technical Specifications

Image Sensor: 1/3 sensor

Effective Pixels: 1080P

System: AHD

Night vision visible distance: about 5 meters

IR Night Vision: with IR

Power: DC 12V & 24V

Power Consumption: Less than 5W

Max Current: Less 450mA

Storage temperature: -30°C ~ 80°C

Working temperature: -20°C to 70°C

Camera Wireless Transmit spec.

Operating frequency range Cover: 2.4GHz~2.4835GHz

Output Power: 17±1dBm @TYp 20dBm@max (if necessary)

Modulation Type: FSK/GFSK

RX Sensitivity: -89dBm(Typ.)@4MHz BER<1E-3

RF Bit Rate: 4MHz BER<1E-3

Spread Spectrum: FHSS

Viewing Method: APP

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Key Features

1. WiFi Connection with Real-Time Viewing via APP

- Built-in WiFi module inside the camera
- Direct connection to the camera via APP on smartphone or tablet
- Real-time video streaming with low latency and intuitive operation

✓ No additional monitor required

✓ No complex video cable installation

2. Easy Installation, Lower Installation Cost

- Only power supply is required (DC 12V / 24V)
- No need to route video cables to the driver's cabin
- Ideal for vehicle retrofit, rental vehicles, or temporary installations

✓ Installer-friendly

✓ End-user-friendly

3. High Compatibility & Multi-Device Support

- Compatible with both iOS and Android systems
 - Supports smartphones, tablets, and other mobile devices
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4. Wide Range of Applications

WiFi APP Camera is suitable for various vehicle applications, including:

- 🚗 Passenger cars – reversing camera
- 🚚 Trucks / commercial vehicles – rear view or side view
- 🚜 Agricultural & construction machinery – blind spot monitoring
- 🏠 RVs / motorhomes – driving and reversing assistance

How to Install

1. Connect the power

Power the camera with DC 12V / 24V.

2. Download and open the APP

Install the APP on your smartphone or tablet.

3. Connect to the camera's WiFi hotspot

Open WiFi settings and select the camera hotspot.

4. Enter the password

Default password: **1234567890**

5. Start using

Open the APP to view the camera image in real time.

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Download APP

For Android device, please go to <https://www.pgyer.com/VRe2wW> to download the APP or scan the code below.



For IOS device, please search BackCam in APP Store.



The pass word of WiFi is 1234567890

Important Safety Notice

The WiFi APP Camera is designed to assist the driver by improving visibility and reducing blind spots.

However, it should **not be used as a replacement for careful driving or direct visual observation.**

Please always rely primarily on your own eyes, mirrors, and safe driving judgment.

Check your surroundings carefully before reversing, turning, or maneuvering the vehicle.

This system is intended as a **driving aid**, not a guarantee of safety.

Your attention and awareness are the most important factors in safe driving.

Drive safely, and take care of yourself and others on the road. 🚗 ❤️