Quick Start

Bluetooth Remote Control App

Operation Steps

1. First install the **XGO** app on your phone. This app only requires you to turn on the phone's Bluetooth to achieve remote control.
2. Enter the **XGO** app page, click the Connect Bluetooth button, and turn on the phone's location permission.

3. After the connection is successful, the page will become like this

4. Then go in and remotely control the Rider-pi robot

wifi-APP remote control

Operation steps

1. First install the **XGOBOT** app on your phone. This app needs to be connected to wifi for remote control
2. Turn on the robot
   Please place the two-wheeled robot (Rider-pi) on a flat ground or table as shown in the video below, turn on the robot switch,
   the robot's colored lights will light up and it will automatically stand up and walk forward about 15cm. When the robot is stable, the initialization is completed. After about 30 seconds of powering on,
   the robot screen will automatically light up to display the UI interface.
   

3. Connect the robot to the network

Method 1 (common): Enter the **XGOBOT**APP and click the icon in the upper right corner of the screen to enter the wifi information QR code generation page,

Enter the ssid and password of the WIFI you want the robot to connect to,

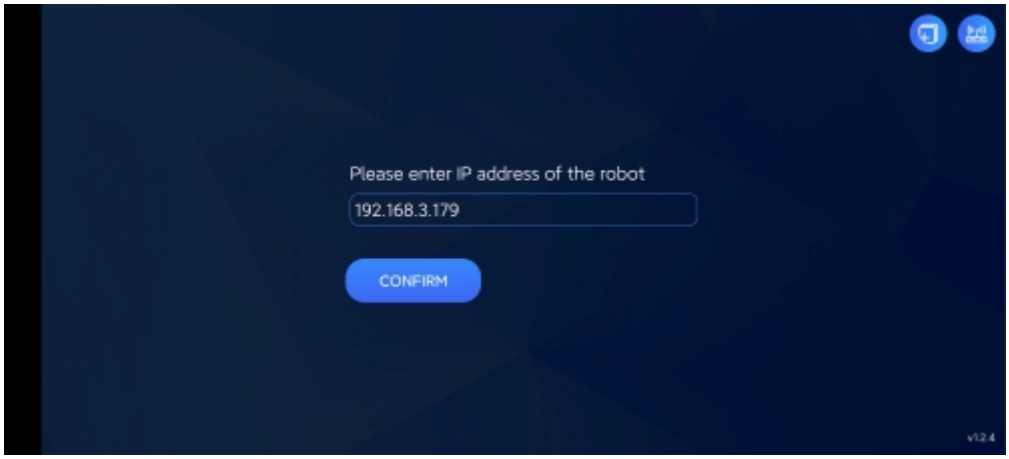
After clicking Generate QR code, start the second "Wireless Networking" application in the robot sample program,

Let the robot camera scan the QR code generated on the mobile phone. At this time, the robot screen will display a green success message, and then restart the robot to automatically connect to the specified SSID.

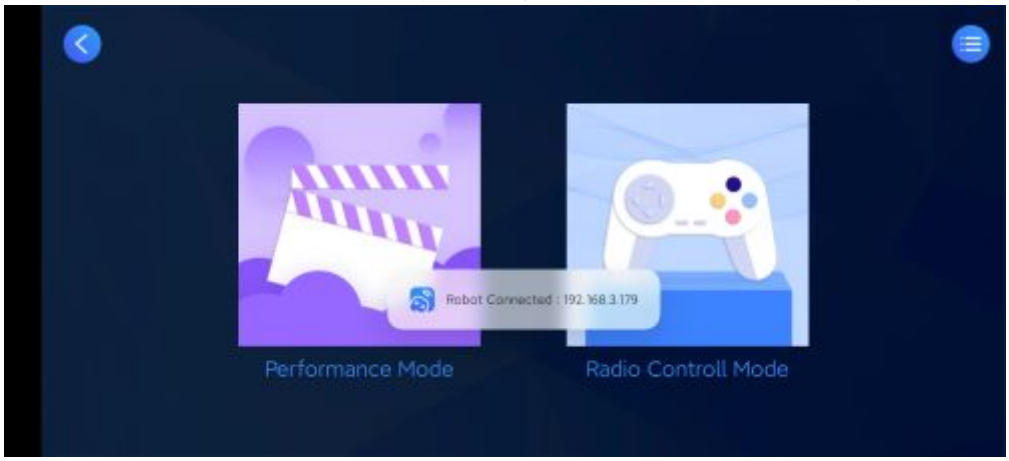
For specific connection methods, please refer to the **material in Chapter 1 Section 6**Tutorial document on connecting to wifi.

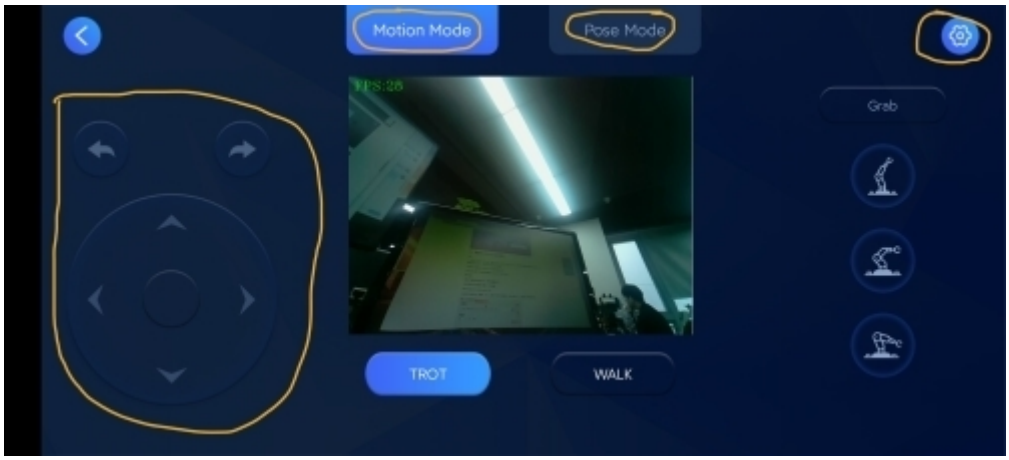
Method 2: Raspberry Pi desktop configuration
If the first two methods cannot connect the robot to the Internet, it is generally caused by the mismatch between the Raspberry Pi configuration file and the router's network frequency band. At this time, you can use the HDMI cable and Type-C USB HUB that are randomly configured to enter the Raspberry Pi desktop system using a monitor to configure the network.
I will not go into details here. Raspberry Pi users are requested to set it up according to the tutorials on the Internet.

4. Then enter the remote control mode and obtain the IP address of the Rider-pi robot. Enter the IP address of Rider-pi on the first page of the **XGOBOT**APP.

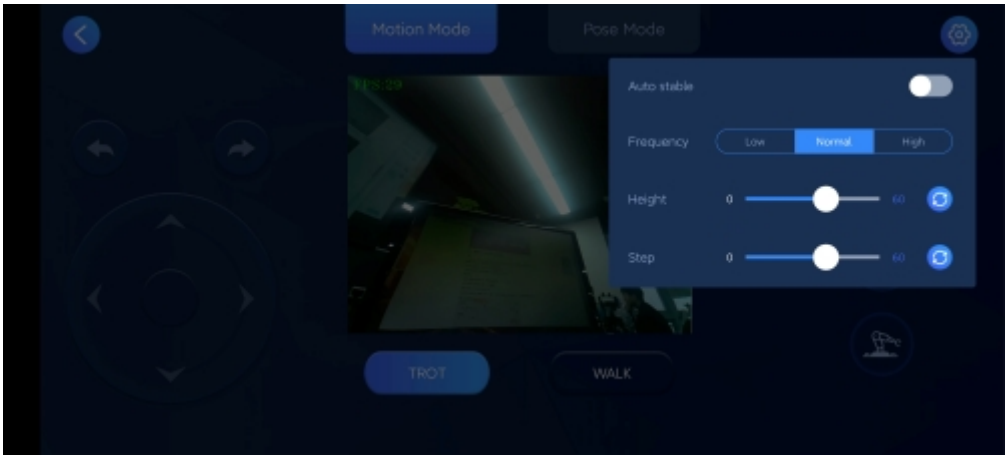


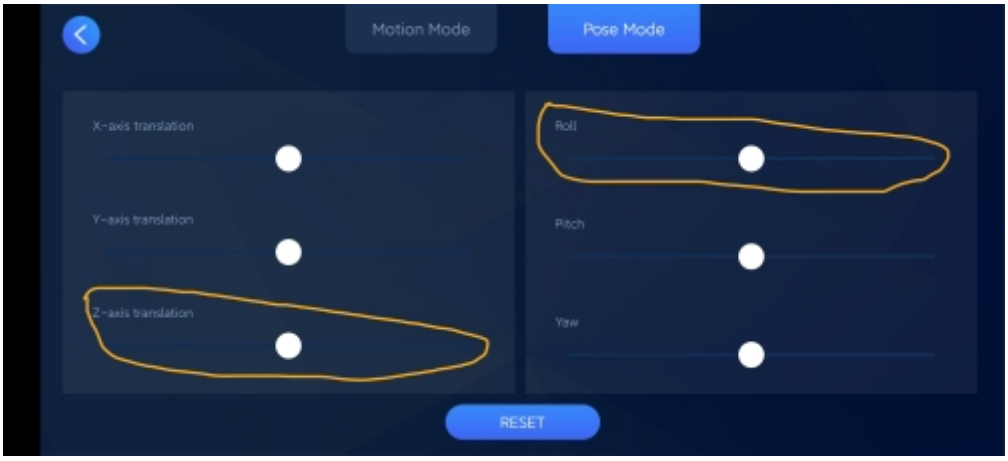
5. After the connection is successful, you can perform a remote control operation on the robot.





The part in the picture frame is effective for controlling the car, and the other parts are invalid, **because this app is not only an app for Rider-pi robots, but also a control app for other robots.**





The part in the picture frame is effective for controlling the car, and the other parts are invalid

Large program experience

1. First understand the meaning of the car buttons

Take the picture as an example:
A: Move left
B: Move right
C: Return key
D: Confirm key

2. Enter the sample program of the car, select the corresponding mode by pressing the button, and enter the corresponding function experience.

The robot resumes standing

If the red light appears on the top of the robot (Rider-pi) and the legs are retracted, it means that the robot has entered a locked state and needs to be re-righted for about 2-3 seconds, and the robot will automatically resume standing.

Locked state:

Straighten with your hands

Restore balance