

First Trial

If you purchased our Roboduino robot car, you need to perform the following steps:

1. After the robot car is assembled, you will need to download the code we provided and upload code into Uno board of robot car.
2. Click **【Download】** --- **【Code】** of Roboduino Car repository.
to download the code we provided and find the [Wifi_control_car.ino](#) program.

!!!Note:

If you need to upload the code, you need to remove the WiFi camera module wiring.

After the program is downloaded, we can control robot car by WIFI APK.

The specific steps are as follows:

- 1) After the program download is complete, plug in the WiFi camera wiring.
- 2) Turn on the car power switch, you can see that the red indicator light on the WiFi camera module is flashing.

3) Download APK:

Android users scan the following QR code by browser or search "YahboomRobot" in Play Store to download APP;

iOS users scan the following QR code by camera or search "YahboomRobot" in App Store to download APP.

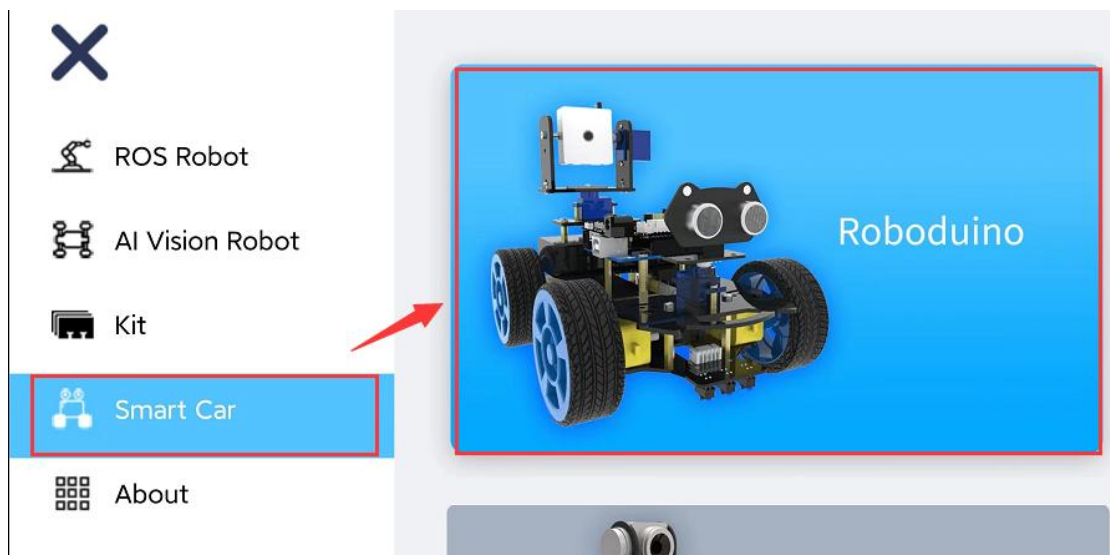
As shown in figure below.



- 4) Open the "WIFI" settings of your phone and you will be able to search for "[Yahboom_WIFI](#)" and connect without entering a password.
- 5) After connecting Yahboom_WIFI, open [Yahboom_Robot.apk](#) and follow the steps below to see the camera screen and control the car.
First, we need to click on the top left corner of the APK to select the device as shown below.



Then, Select **【Roboduino】** to enter the remote control interface, as shown below:



6) Check the camera packaging sticker, you need to select the corresponding control entrance according to the camera model.

If you choose the wrong control entrance, you will not be able to view the camera image and control the car. If the camera package has no stickers, it will default to a WIFI camera.



- Use the ESP32-CAM camera to select the left control entrance, it will enter the WiFi configuration interface, use the default IP, Port, Video, click connect to enter the main control interface;
- Use the WIFI camera to select the control entrance on the right, and click to directly enter the main control interface.

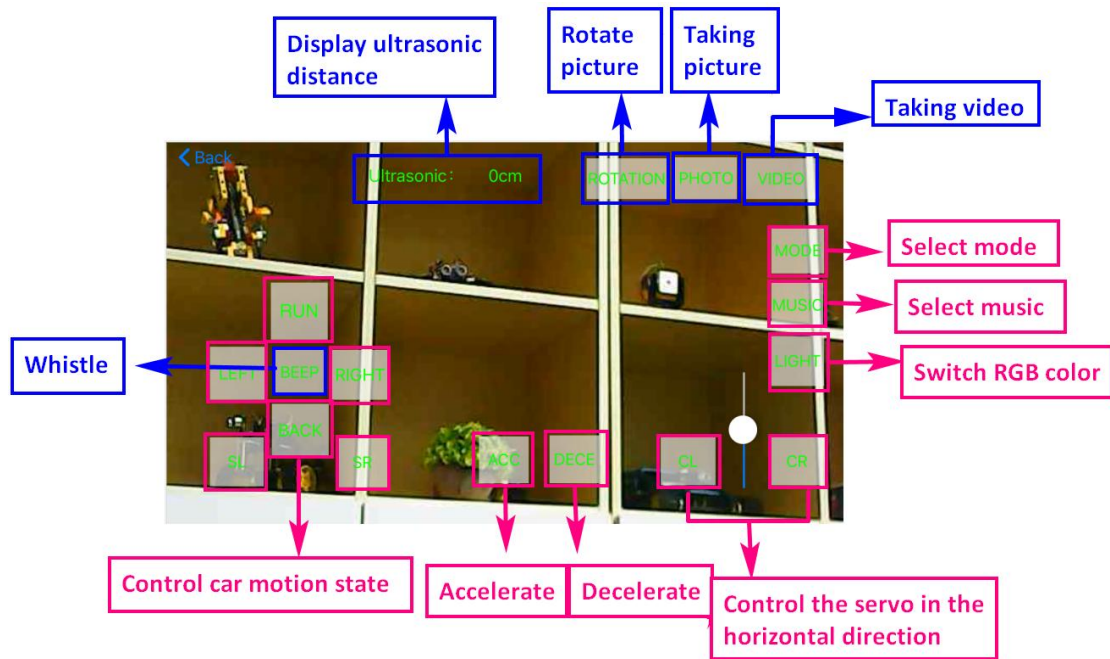


Note: The functions implemented by the two versions are exactly the same, only the camera model is different.

Control Interface :

Because serial communication may cause lost data, you may encounter this situation during using:

After clicking **RUN/ BACK/ LEFT/ RIGHT/ SL/ SR** to release your hand, the car may not stop. At this time, you need to press the **BEEP** button to stop the car.

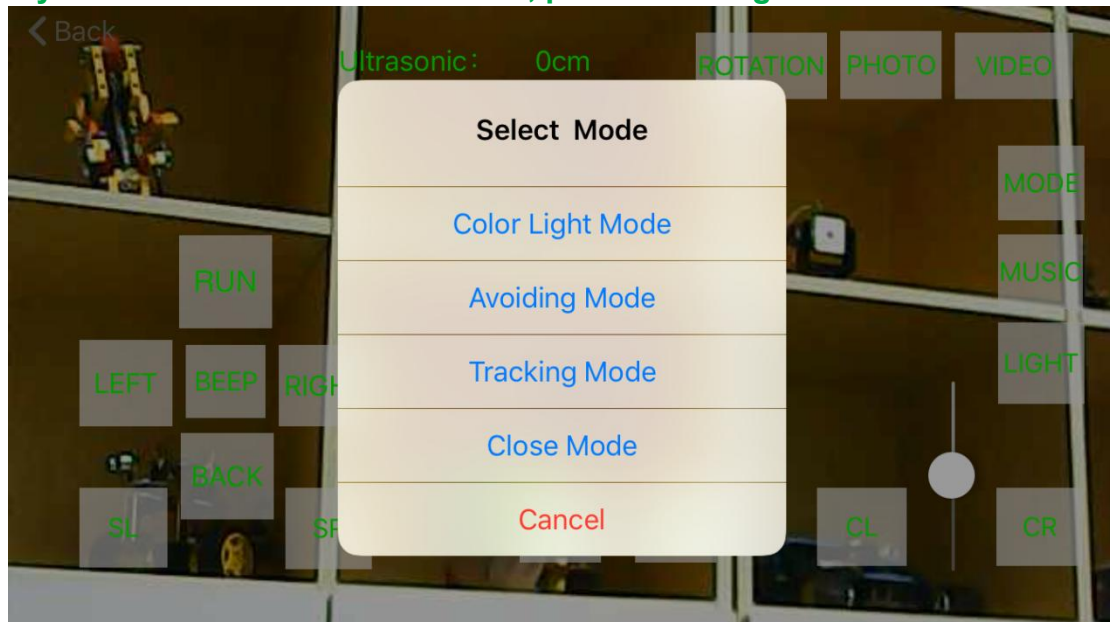


!!!Note: If you find that the video screen is the opposite, click on “ROTATION” to rotate the screen.

Mode selection interface:

The buzzer will sound when you successfully turn on a mode or turn off a mode successfully.

If you don't hear the buzzer sound, please click again.



!!!Note:

If the tracking mode experiment is not working well, please check [2.Basic course]--[8.Tracking]. Please read this tutorial to modify the parameters in the program.

Music selection interface:

