

**!!!Note:**

**The two control modes of the 6WD robot car: WIFI camera control and Bluetooth remote control, you can only use one remote control at the same time.**

**When using one of methods, you need to unplug the wiring of another way to prevent interference with each other.**

## **1.Download APK:**

Android Please use the browser to scan the QR code to download and install APK; Apple please use camera to scan the QR code to enter the APP Store to download and install or search for "YahboomRobot" in the APP Store. As shown in figure below.

!!Note:Because the software is relatively large, the download takes a certain amount of time, please be patient.



**Note: During installation, If you find any prompts on your phone (for example: location permissions of your phone). You must select "Yes".**

## **2. WIFI camera control :**

1. You need to download the **PCA9685\_Drive\_Bluetooth\_WIFI\_control** program and upload this program to the UNO board of 6WD robot car.
2. You need to install APP to your phone.
3. Fully charge the 6WD car to ensure it has enough power. Please refer to the place shown below as the charging method.

## 6WD Arduino robot car

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[App](#)

[Code](#)

[SCH](#)

[Manual](#)

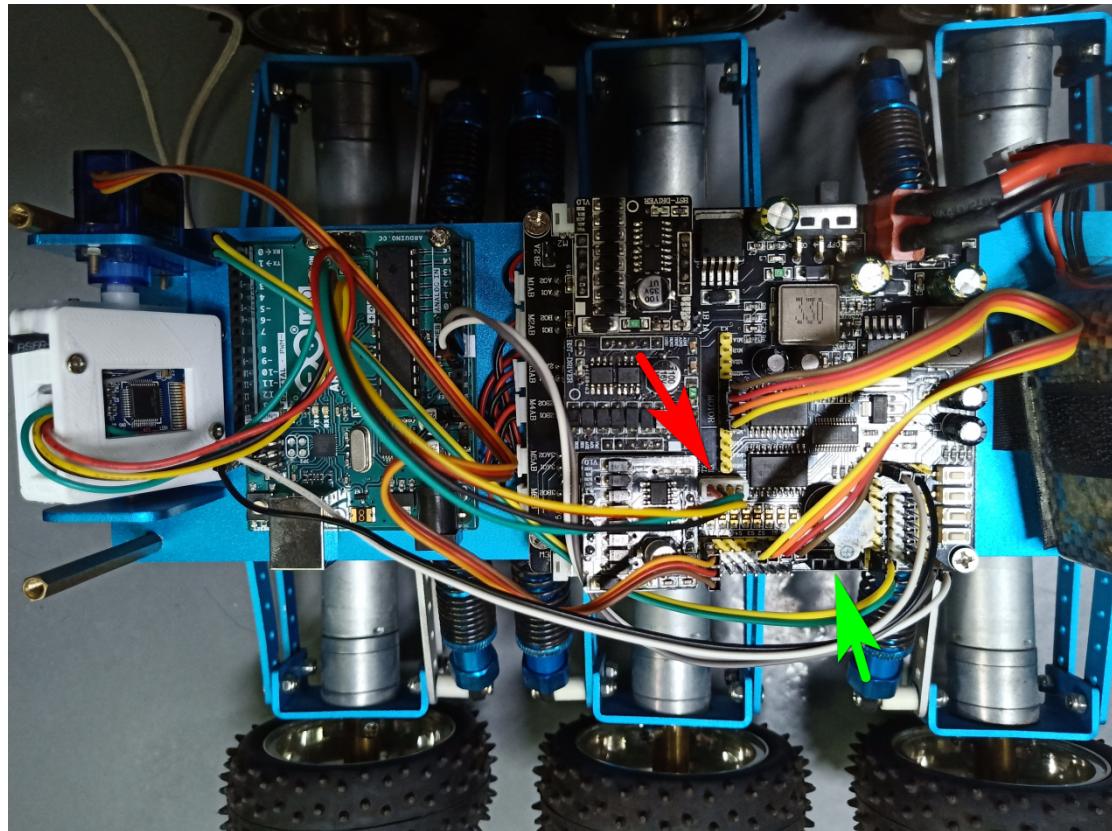
## Welcome to 6WD Arduino robot car repository

### 3.1 Battery of 6WD robot car use precautions

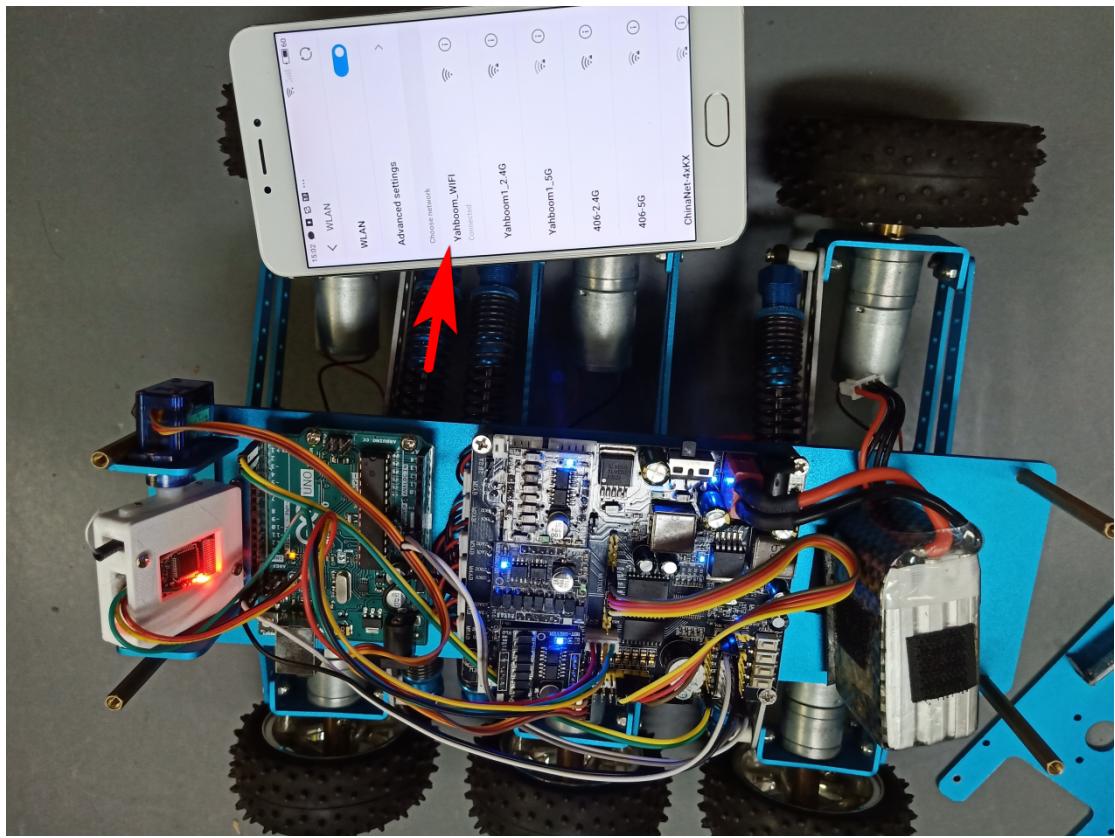
**Battery of 6WD robot car use precautions:**

1. Please use the charger we provide to charge the car.
2. The car cannot be used while charging.
3. The voltage needs to be charged in time at around 9V. When the charge completed, the battery voltage is about 12.6V.
4. If you do not use the car for a long time, you should unplug the battery from the bottom plate of the car. Because even if the car is in standby, it will be worn out.

4. You need to connect the wifi camera module and unplug the Bluetooth module. As shown below.

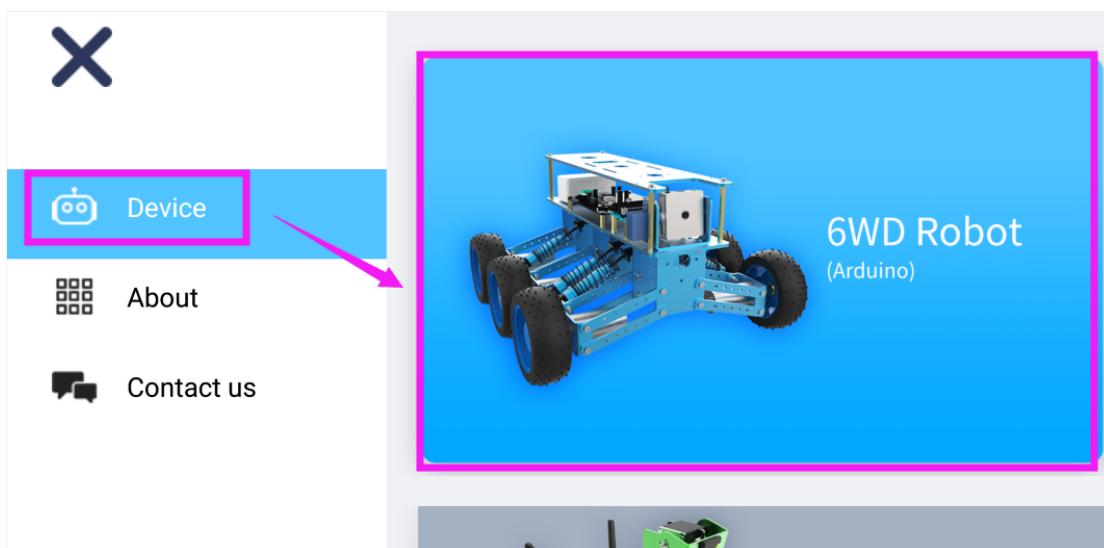


5. After charging is complete. You need to open the power switch of the 6WD robot car, and connect your phone to the Yahboom\_WIFI of the robot car. No need to enter the password. As shown below.

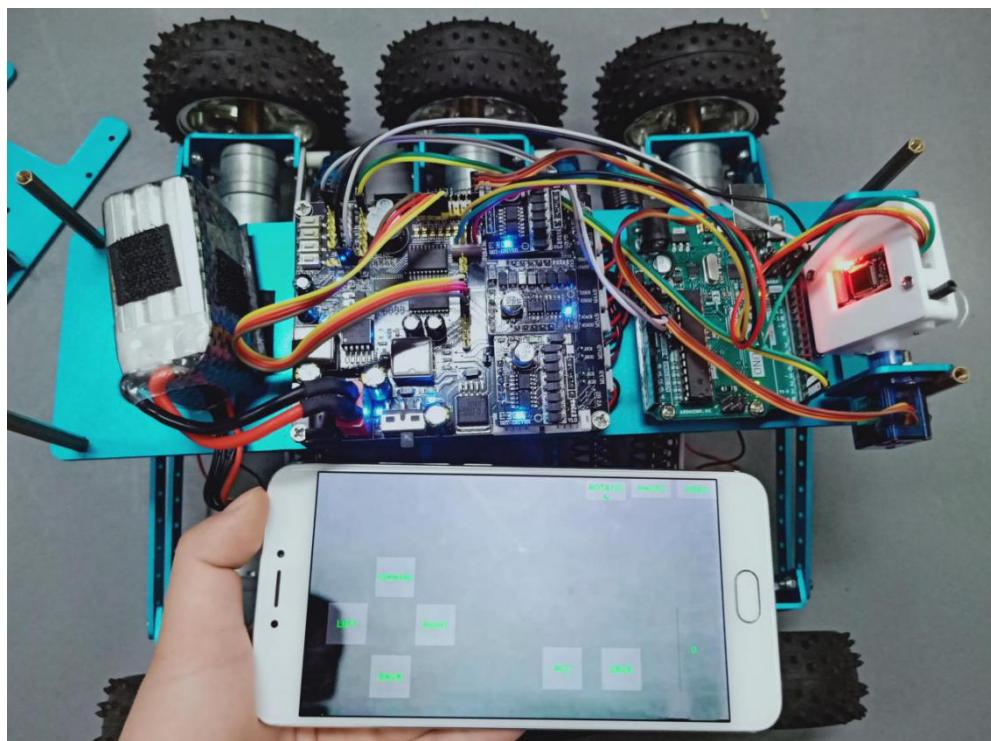


6. You need to open the WIFI control APP. After opening the app, if you will see the screen shown below. You can click left upper corner to select service--【6WD Robot】.





7. Click to enter the screen shown below, after seeing the video screen, you can start to control the car.



### 3.Bluetooth remote control:

1. You need to download the **PCA9685\_Drive\_Bluetooth\_WIFI\_control** program and upload this program to the UNO board of 6WD robot car.
2. You can use 4WD robot APK on YahboomRobot.
3. Fully charge the 6WD car to ensure it has enough power. Please refer to the place shown below as the charging method.

#### 6WD Arduino robot car

- 1.Remote control operation Manual ▾
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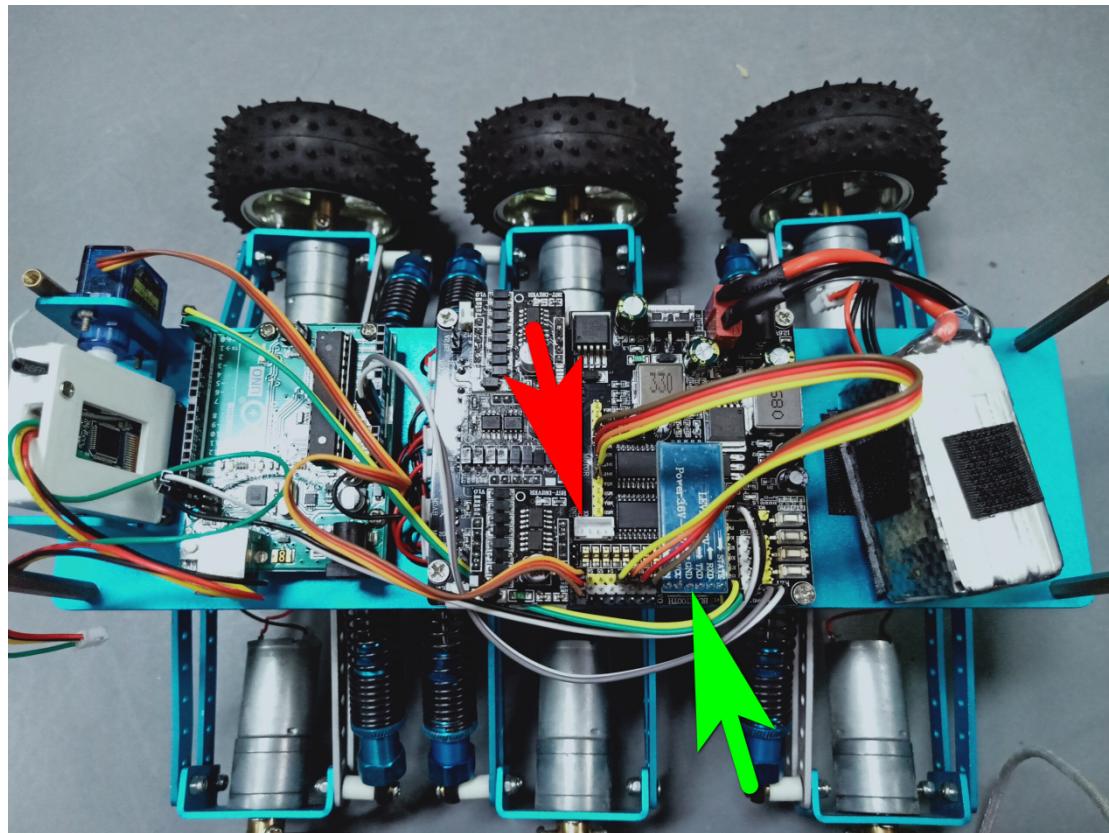
#### Welcome to 6WD Arduino robot car repository

##### 3.1 Battery of 6WD robot car use precautions

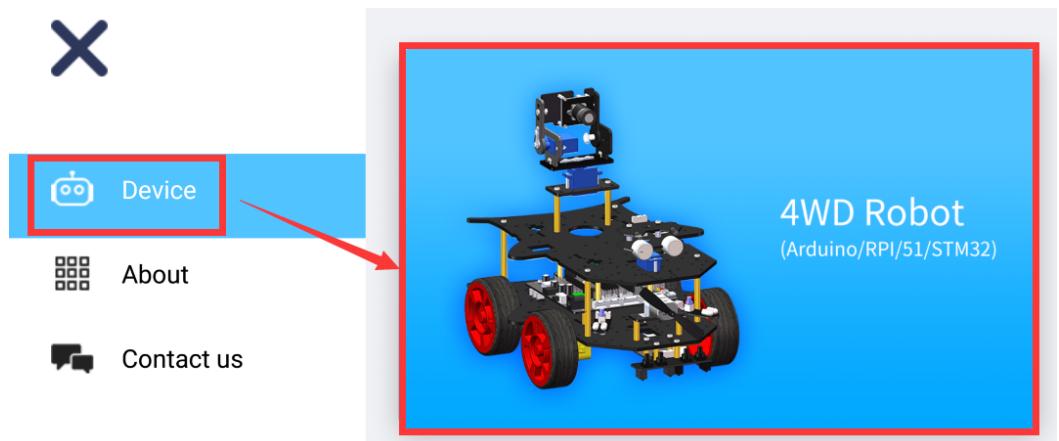
###### Battery of 6WD robot car use precautions:

1. Please use the charger we provide to charge the car.

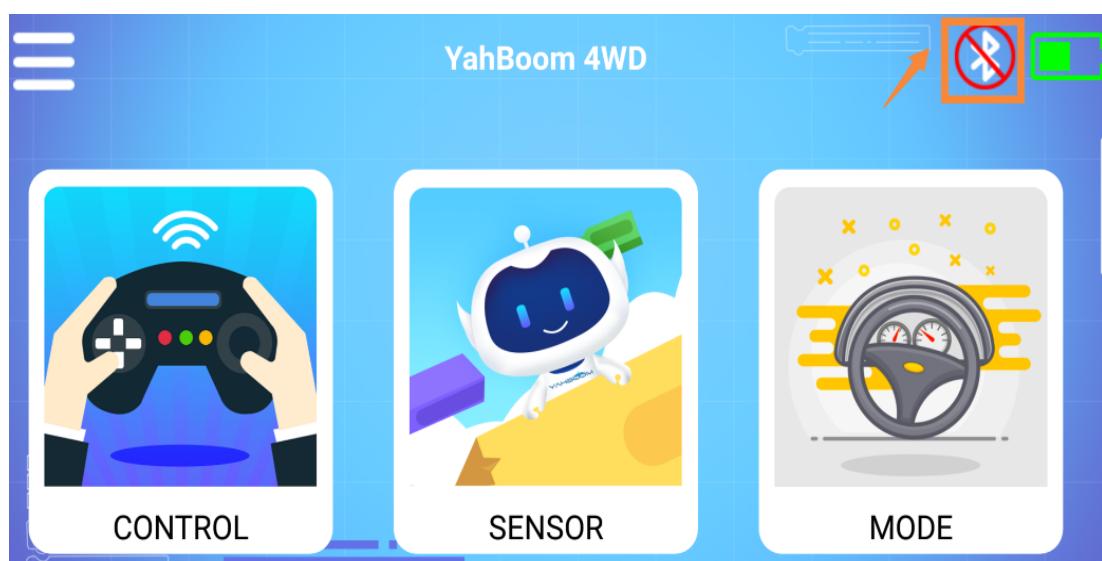
4. You need to connect the Bluetooth module and unplug the wifi camera module. As shown below.



5. After charging is complete. You need to open the power switch of the 6WD robot car.( the red indicating light of the Bluetooth module is flashing)  
Then, open the Bluetooth of your Android phone, and open the already installed YahboomRobot APP. Select **【4WD Robot】**.



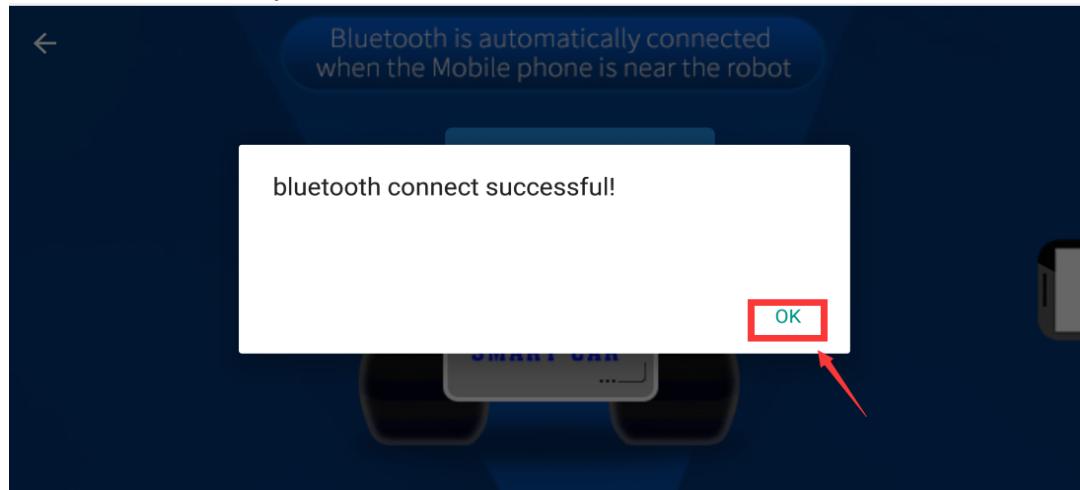
6. You will see this interface as shown below. Click on the top right corner of the APK to connect bluetooth.



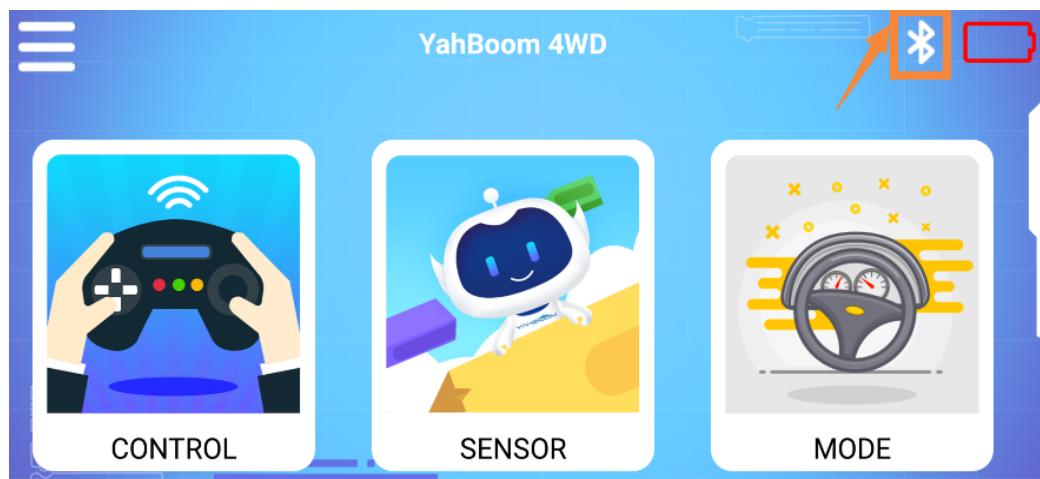
7. You can see bluetooth signal. Wait patiently, the phone will automatically connect to the Bluetooth near the car.



8. Bluetooth can be successfully connected, and the APP will enter the interface as shown below. At the same time, the red indicator of the Bluetooth module will be keep on. You need to click "OK".



You will enter the interface as shown below.



9. Click "CONTROL" to enter interface as shown below. Wait for the ultrasonic data to change, it prove that Bluetooth starts to transmit data normally. You can start to control the car.



Can only control 6WD car forward, back, turn left, turn right.