

!!!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.

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 download and install WIFI control APP, and install it to your Android 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

1.Remote control operation Manual ▾

2.Two remote control instructions ▾

3.Battery and charging ^

3.1 Battery of 6WD robot car us...

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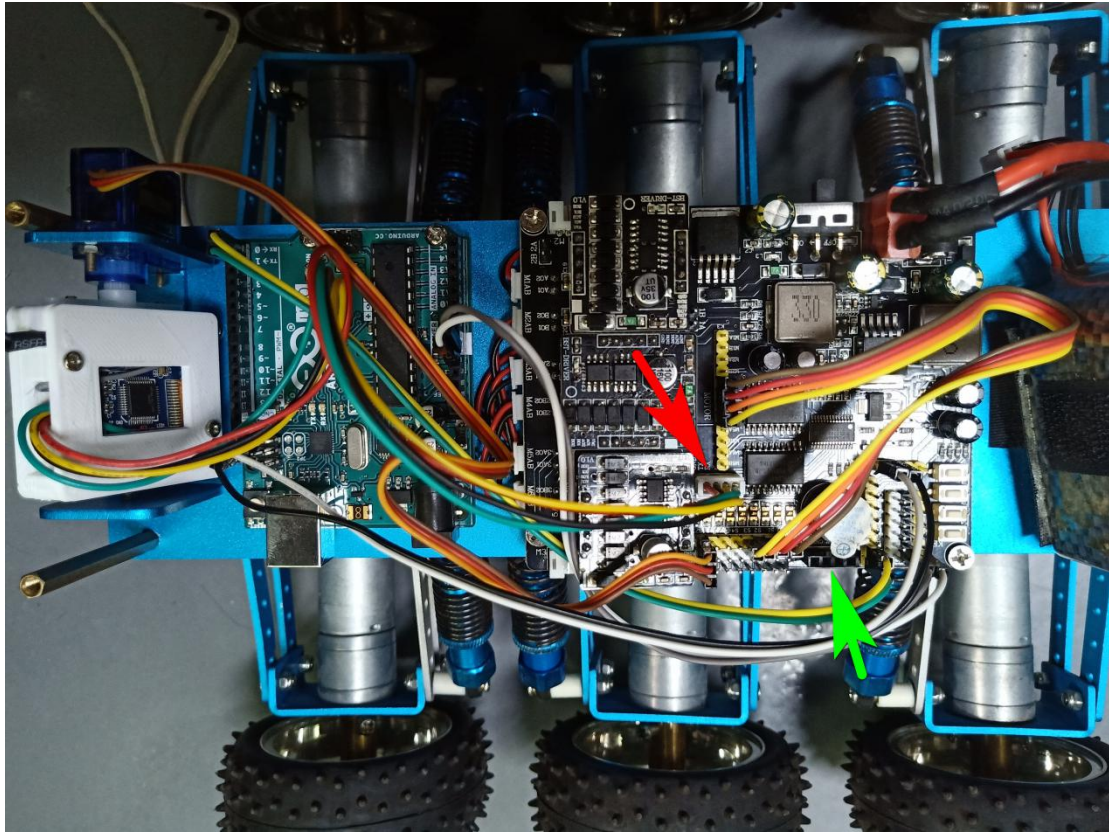
Welcome to 6WD Arduino robot car repository

3.1 Battery of 6WD robot car use precautions

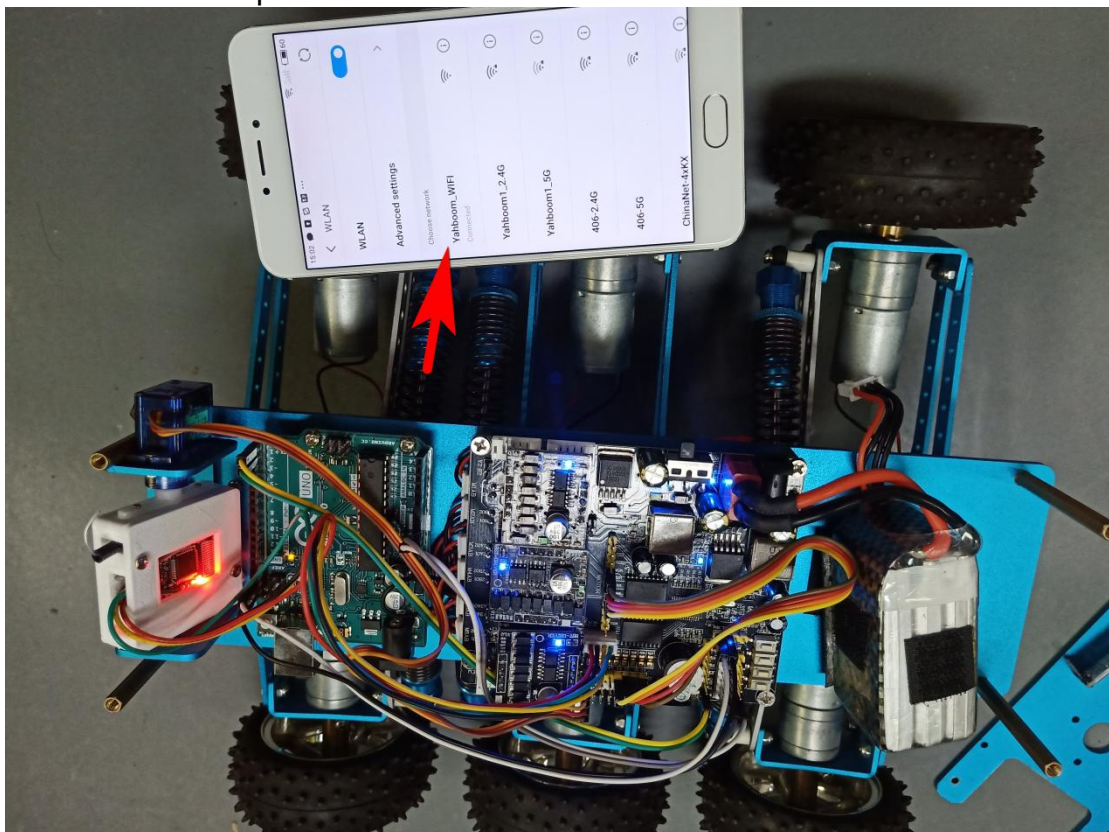
Battery of 6WD robot car use precautions:

1. Please use the charger we provide to charge the car.
2. The car cannot be used while charging.
3. The voltage needs to be charged in time at around 9V. When the charge is 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.

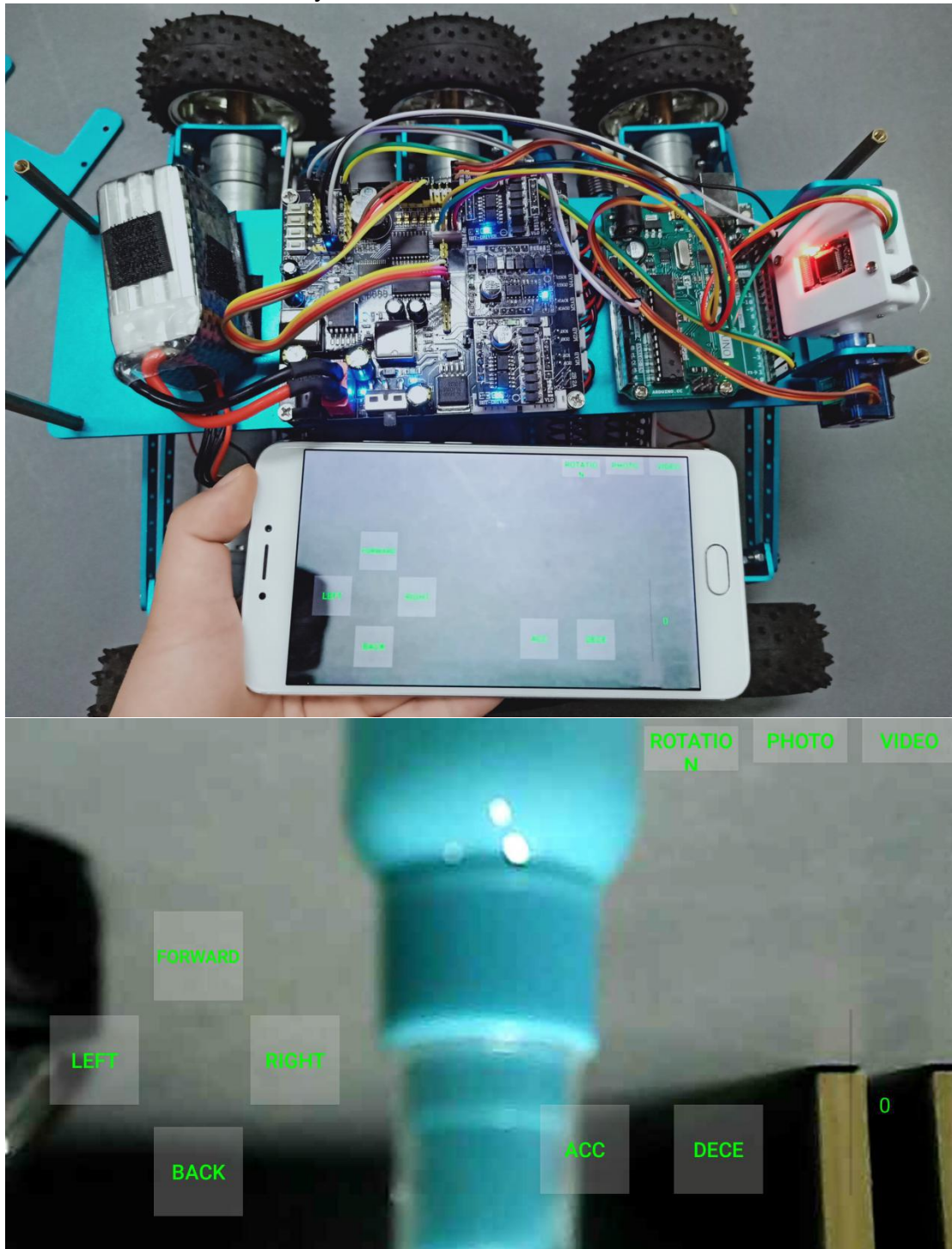
4. You need to connect the wifi camera module and unplug the Bluetooth module. As shown below.



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, you will see the screen shown below, you can start the remote control car.



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 need to download and install Bluetooth control APP control APP, and install it to your Android phone.

3. Fully charge the 6WD car to ensure it has enough power. Please refer to the place shown below as the charging method.

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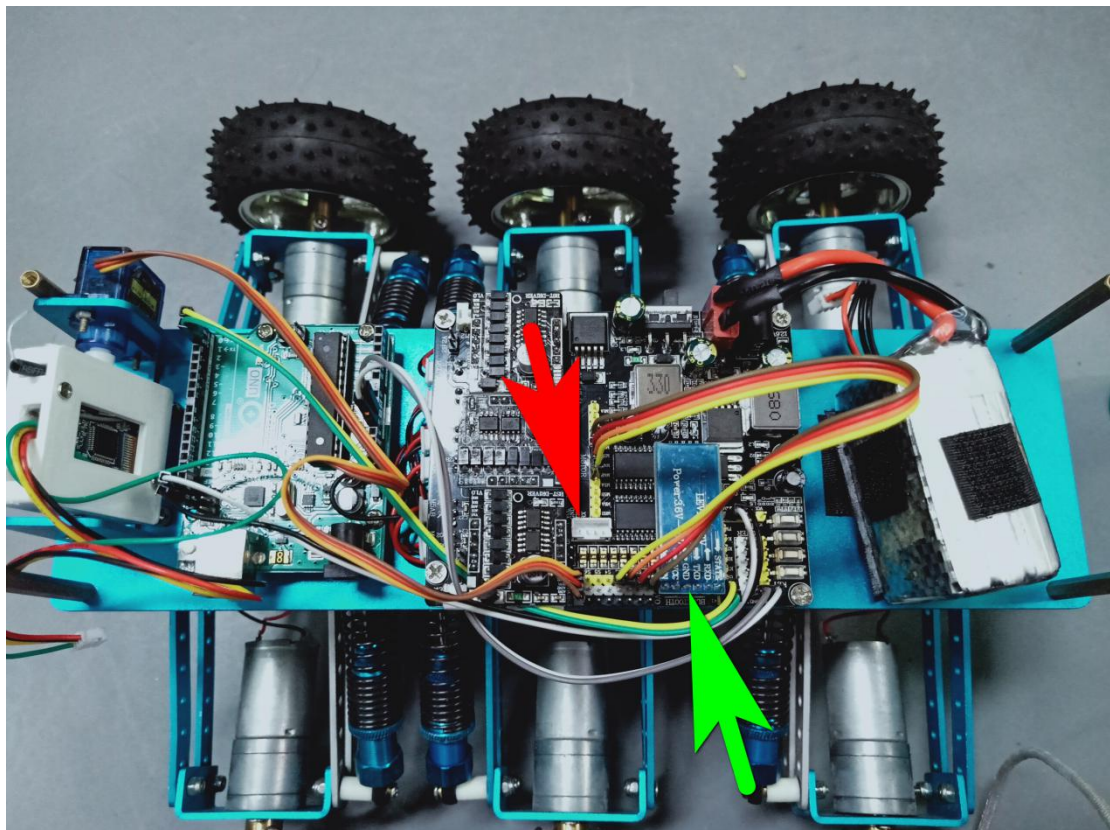
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4. You need to connect the Bluetooth module and unplug the wifi camera module. As shown below.

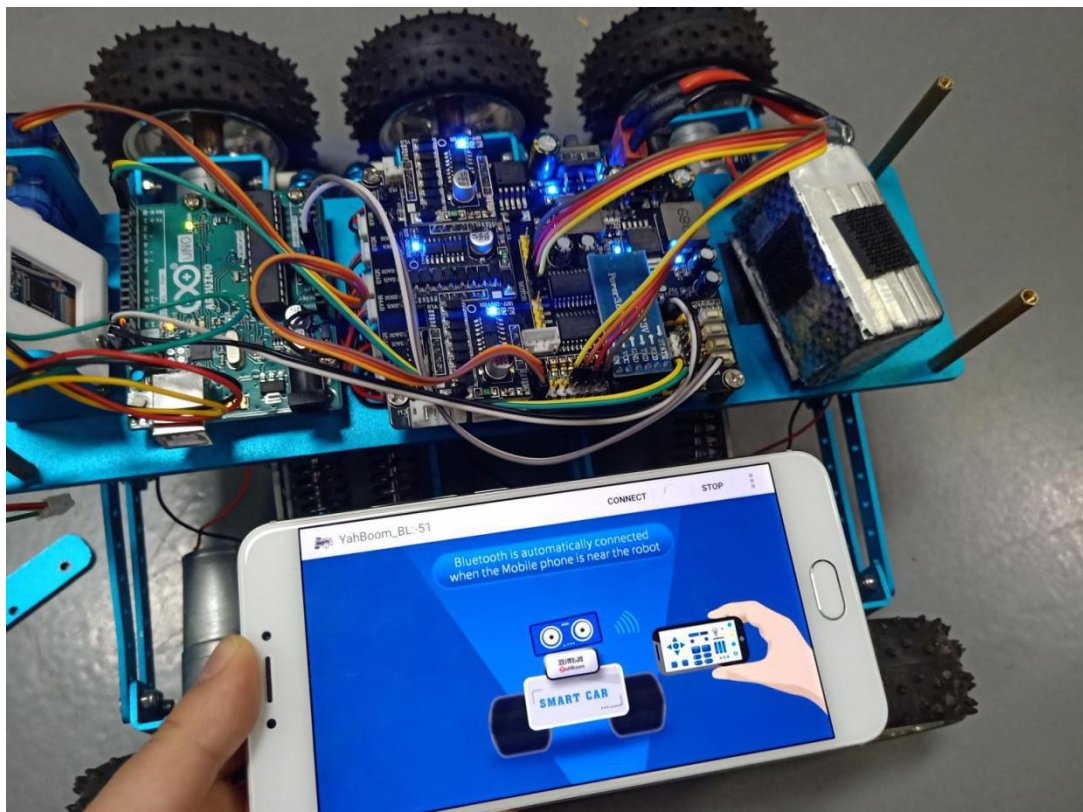


5. After charging is complete. You need to open the power switch of the 6WD robot car.(the red indicating light of the Bluetooth module is flashing)
Then, open the Bluetooth of your Android phone, and open the already installed Bluetooth remote control APP.

You will see the Bluetooth signal in the upper left corner of your phone interface.



6. Bluetooth will be connected automatically when the phone is near the robot car, no need the pairing password.





If Bluetooth is not automatically connected, you need to click on the **【CONNECT】** of the APP interface.

7. After Bluetooth is successfully connected, (the red indicating light of the Bluetooth module is not flashing, is on) you can control the robot car.