

Yahboom_4WD_image = Raspbian image + Yahboom_4WD_code + camera drive process.

Separate camera driver tutorial Link: <http://www.yahboom.net/study/camera>

Case 1--- If you use Yahboom_4WD_image

If you are using the image we provided. Because the Bluetooth process is already enabled in our image, it will consume the resources of the Raspberry Pi CPU. You need to close the Bluetooth APP process before you run other programs manually.

1. Input following command to view APP remote control process.

ps -ef|grep Yahboom_Rasblock

```
pi@yahboom4wd:~$ ps -ef|grep bluetooth_control
pi      793    792  26 10:23 ?        00:02:12 ./bluetooth_control
pi     1217   1112    0 10:31 pts/1    00:00:00 grep --color=auto bluetooth_control
pi@yahboom4wd:~$
```

For example, my bluetooth_control process ID is 793.

2. Input following command to kill APP remote control process.

sudo kill -9 ID

After closing the process, when you view bluetooth_control progress again, you will find that it no longer exists. As show below.

```
pi@yahboom4wd:~$ sudo kill -9 793
pi@yahboom4wd:~$ ps -ef|grep bluetooth_control
pi     1232   1112    1 10:34 pts/1    00:00:00 grep --color=auto bluetooth_control
pi@yahboom4wd:~$
```

(Note! Different Raspberry Pi process numbers are different. Please refer to the process shown in your own system)

3. Finally, you run each code normally.

Case 2-- If you use Raspbian image

1. You need to remote transfer code we provided into Raspbian image and run them.

A. You can click the place shown below to download all the code. After the download is complete, you will get a compressed file, you need to press it to get the folder.


Raspberry pi 4WD

- 1.Remote control operation
- 2.Development environment
- 3.Experimental tutorial
- 4.Battery and charging
- 5. Commonly used Video
- 6.Contact us
- 7.APP Download

Download

- APP(Android)
- Code**
- PC
- SCH
- Download image
- Tools
- Instruction Manual
- Bluetooth4.0 communication protocol

Welcome to Raspberry pi 4WD repository



B. The program corresponding to this course can be downloaded at the top of each course, or you can download it from there.

Raspberry pi 4WD

- 1.Remote control operation
- 2.Development environment
- 3.Experimental tutorial**
 - 3.0 Preparation before class
 - 3.1 Color_LED
 - 3.2 advance
 - 3.3 Car Run
 - 3.4 ServoControlColor
 - 3.5 KeyScanStart
 - 3.6 infrared_avoid
 - 3.7 infrared_follow
 - 3.8 light_follow
 - 3.9 tracking
 - 3.10 avoid_ultrasonic
 - 3.11 servo_avoid_ultrasonic
 - 3.12 Bluetooth_control

Welcome to Raspberry pi 4WD repository


3.1 Color_LED

ColorLED.c **Download**

ColorLED.py **Download**

1.Raspberry Pi platform-----Color_LED

1) Preparation



2. Please refer to [2.Development environment]--[2.4 Remote transfer file] to transfer code into Raspberry Pi system.
3. Then, you can run code.