

## 7. Drive camera display

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#### 7.1 View the device number of the camera

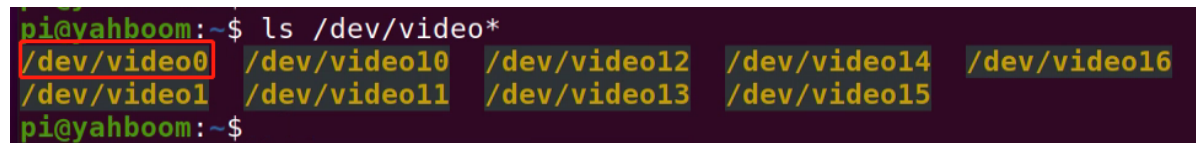
#### 7.2 Test Camera

### 7.1 View the device number of the camera

Open the terminal of the Raspberry Pi and enter the following command:

```
ls /dev/video*
```

If only one camera is connected, generally the camera device is video0



```
pi@yahboom:~$ ls /dev/video*  
/dev/video0 /dev/video10 /dev/video12 /dev/video14 /dev/video16  
/dev/video1 /dev/video11 /dev/video13 /dev/video15  
pi@yahboom:~$
```

If the camera device number does not appear, please plug and unplug the camera's USB port again.

### 7.2 Test Camera

In the factory system, the location of the camera driver file is as follows:

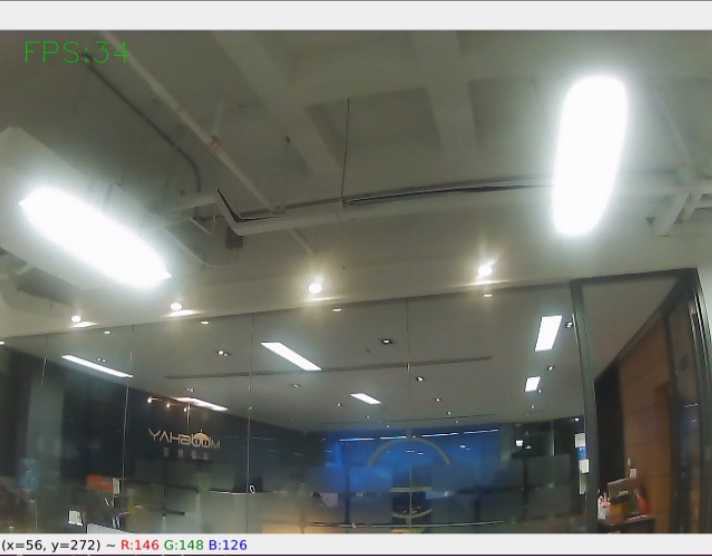
```
/home/pi/DOGZILLA/app_dogzilla/camera_dogzilla.py
```

Please check the specific code content by yourself. In order to prevent the APP from being unable to display the camera screen, please do not modify or move the camera\_dogzilla.py file.

Since the camera display requires desktop display, please connect the screen or log in using VNC remote desktop and open the terminal of the Raspberry Pi and enter the following:

```
python3 /home/pi/DOGZILLA/app_dogzilla/camera_dogzilla.py
```

```
Aug 10 11:54:
pi@yahboom:~$
pi@yahboom:~$
Removed /etc/
pi@yahboom:~$
Created syml
system/yahboom
pi@yahboom:~$
pi@yahboom:~/
app_dogzilla.
camera_dogzil
compile.py
pi@yahboom:~/
-----Vide
-----Del
pi@yahboom:~/
pi@yahboom:~$
pi@yahboom:~$
pi@yahboom:~$
pi@yahboom:~$
pi@yahboom:~$
pi@yahboom:~$
ls /dev/video*
/dev/video0 /dev/video10 /dev/video12 /dev/video14 /dev/video16
/dev/video1 /dev/video11 /dev/video13 /dev/video15
pi@yahboom:~$ python3 /home/pi/DOGZILLA/app_dogzilla/camera_dogzilla.py
-----Video0 Init OK!-----
```



FPS:34

(x=56, y=272) ~ R:146 G:148 B:126

```
start service.
oled.service.
/yahboom_oled.ser

start_app.sh
static
templates
.py
```

A dialog box will pop up on the desktop to display the current screen of the camera. Press Q to exit the program.