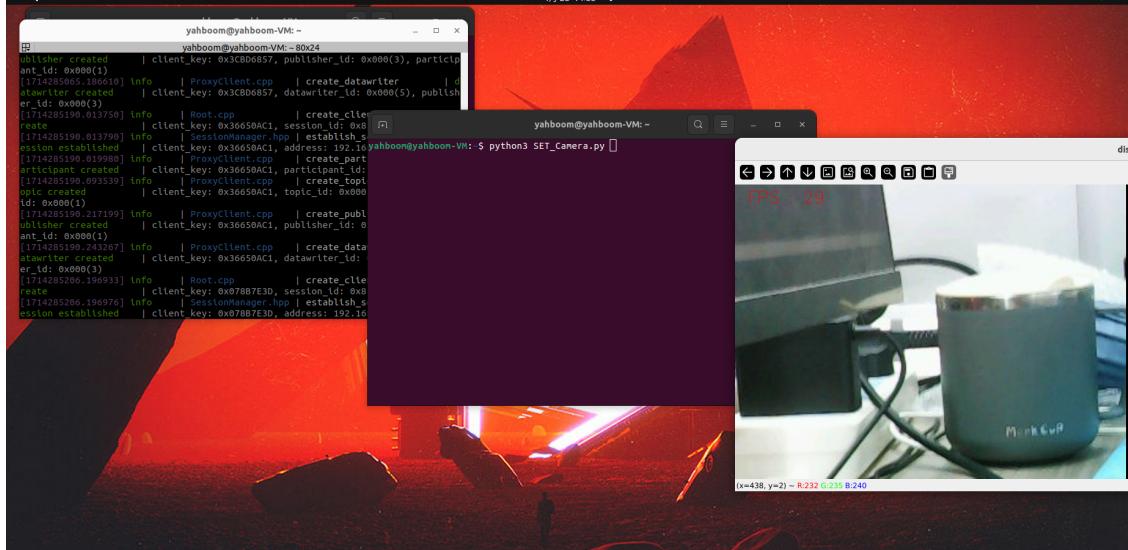


3. Changes in the camera screen

When esp32 is installed, it is reversed, that is, the power port is facing down, and the camera screen is upside down.

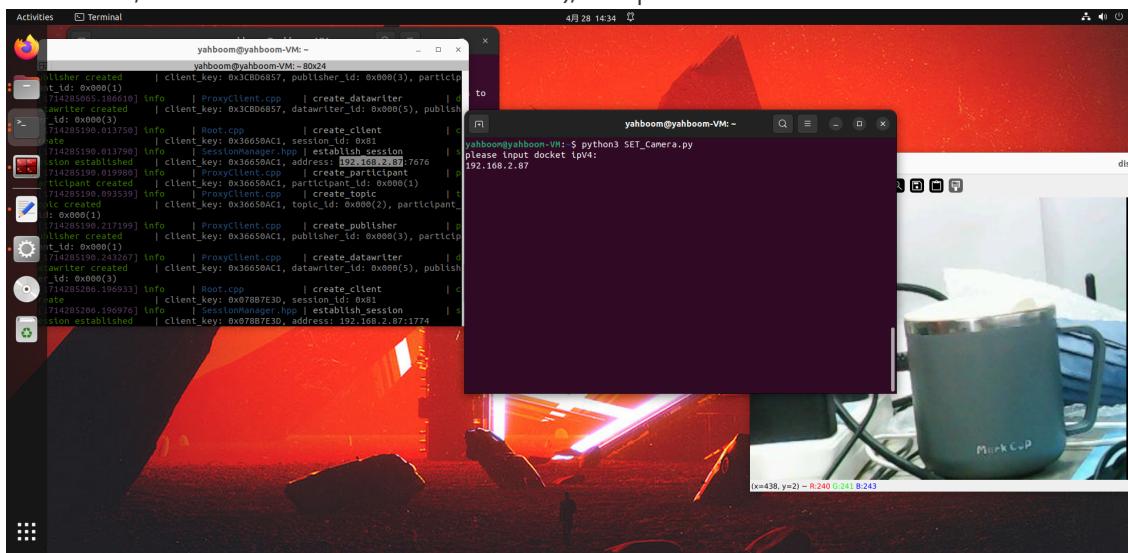
In this case, you need to set the camera screen. The steps are as follows:

1. First put **SET_Camera.py** in the data under the Linux system, anywhere
2. Then open the terminal in the directory with **SET_Camera.py** and run the command

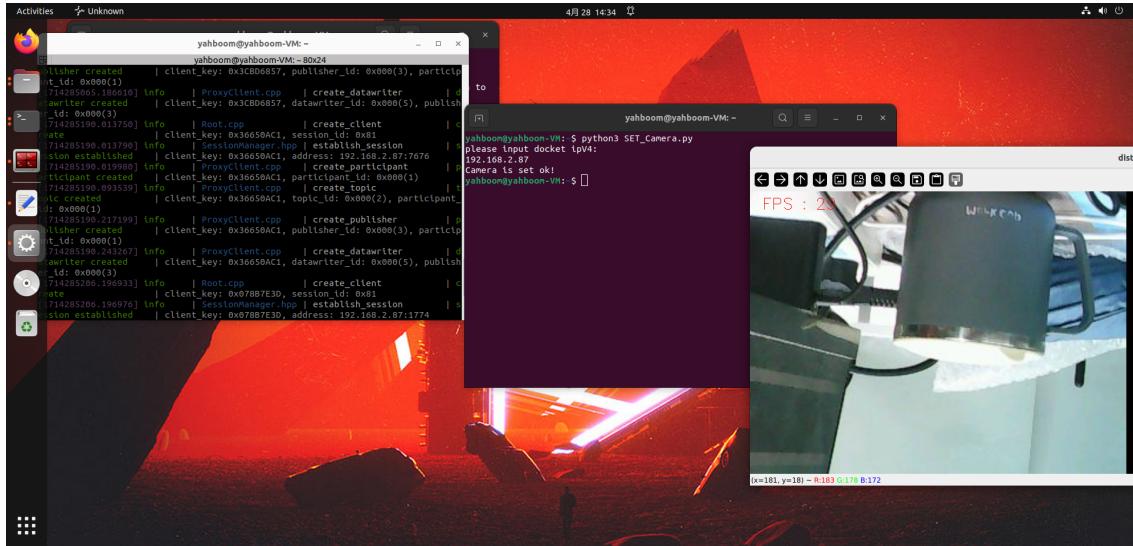


```
python3 SET_Camera.py
```

3. In the terminal, enter the IP address obtained by the docket terminal (the command to open the docket, see **2.ROS2 view camera tutorial**), and press Enter



4. When Camera is set ok! appears The camera image is reversed



When you don't need to reverse the camera, there are two ways to restore it

1. Power off and restart the camera
2. Modify lines 40 and 41 of **SET_Camera.py**

Comment line 40, uncomment line 41

```
sk = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
# 连接服务器 socket tcp
try:
    sk.connect((staip,PORT))
    set_Camera(False,False) #反转画面 Reverse the picture
    #set_Camera(True,True) #不反转画面 Do not invert the image
    print("Camera is set ok!")
    sk.close()
except KeyboardInterrupt:
    sk.close()
except Exception as e:
    print("Camera is set fail!")
    print("Program Error:", Exception)
    sk.close()
```

Then run it again according to the above method to restore the camera image