3. Correction of camera image

If the camera image is upside down. As shown in the figure:

Then you need to set the camera screen. The steps are as follows:

1. First put the **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 terminal that starts the agent (the command to start the agent, see **2. Connect to the ROS-wifi image transmission module agent**) to obtain the ip address, and press Enter

```
                    yahboom@yahboom-VM: ~

Y_DOMAIN_ID: 20
Y_IP: 192.168.2.121
---------------------
ahboom@yahboom-VM:~$ sh start_Camera_computer.sh
1715156105.293050] info    | UDPv4AgentLinux.cpp | init                    |
unning...               | port: 9999
1715156105.293721] info    | Root.cpp            | set_verbose_level      | l
gger setup              | verbose_level: 4
1715156106.106118] info    | Root.cpp            | create_client          | c
eate                    | client_key: 0x2CC68F30, session_id: 0x81
1715156106.106177] info    | SessionManager.hpp  | establish session      | s
ssion established       | client_key: 0x2CC68F30, address: 192.168.2.93 5608
1715156106.126480] info    | ProxyClient.cpp     | create_participant     | p
rticipant created       | client_key: 0x2CC68F30, participant_id: 0x000(1)
1715156106.133785] info    | ProxyClient.cpp     | create_topic           | t
pic created             | client_key: 0x2CC68F30, topic_id: 0x000(2), participant_
d: 0x000(1)
1715156106.151365] info    | ProxyClient.cpp     | create_publisher       | p
blisher created         | client_key: 0x2CC68F30, publisher_id: 0x000(3), particip
nt_id: 0x000(1)
1715156106.173468] info    | ProxyClient.cpp     | create_datawriter      | d
tawriter created        | client_key: 0x2CC68F30, datawriter_id: 0x000(5), publish
r_id: 0x000(3)
```

```
                    yahboom@yahboom-VM: ~

---------------------
MY_DOMAIN_ID: 20
MY_IP: 192.168.2.121
---------------------
yahboom@yahboom-VM:~$ python3 SET_Camera.py
please input docket ipV4:
192.168.2.93
Camera is set ok!
yahboom@yahboom-VM:~$
```

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

If Camera is set ok! does not appear for a long time, check whether the IP address you entered is correct.