3.Web page real-time monitoring

1. Environment setup

You need to install the web_video_server function package corresponding to the ros2 version. The environment has been configured in the docker container. Here, docker is used to demonstrate.

2. Use

The AstraPro Plus camera is used for demonstration here, but other cameras (monocular, binocular, etc.) can also be used.

2.1. Enter the docker container

Here you just need to make sure that the camera is mounted correctly before use.

2.2. Start related nodes

1. In the docker container, start the camera

```
ros2 launch astra_camera astro_pro_plus.launch.xml
```

2. In the docker container, start web_video_server

```
ros2 launch web_video_server view_web_video_demo_launch.py
```
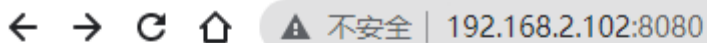
2.3. View images

1. View via local web browser

```
http://localhost:8080/
```

2. View other devices (must be on the same LAN, 192.168.2.102 is the IP address of the master)

```
http://192.168.2.102:8080/
```

3. Note: It is recommended to use Google Chrome or mobile QQ browser. Other browsers may not be able to open the image.

4. Click [image_raw] to view the camera image in real time, click [Snapshot] to display only one frame of image.

/camera/color/image_raw