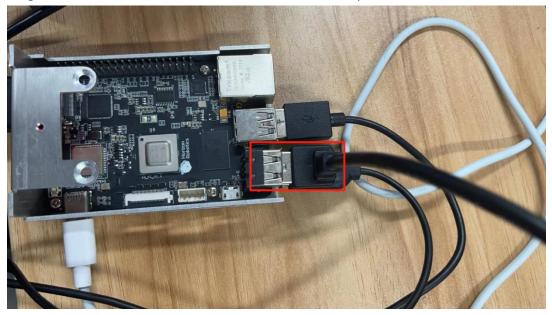
1. Preparation before class

Horizon Sunrise X3 PI board*1, camera *1

2. Hardware connection

Plug the USB interface of the HD camera into the USB port of the Horizon Sunrise X3 Pl.



3.Code

After copying the file camera.py to the system of Horizon Sunrise X3 PI, enter **python3 camera.py** at the command line.

If the system prompts the camera initialization error, the device node of the camera is incorrect.

- 1) Plug in the camera and enter the command ls/dev/video * to see which device node the current camera is.
- 2) Then change the code in the box below.

4. Experimental results

