On-board camera tutorial
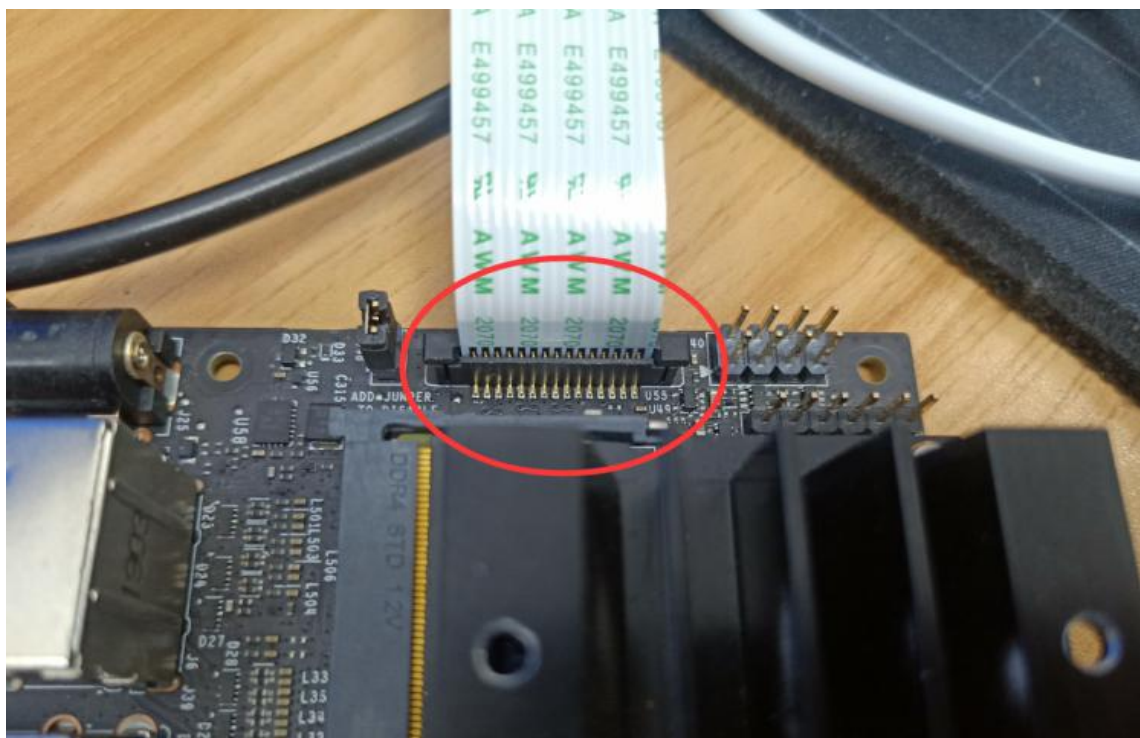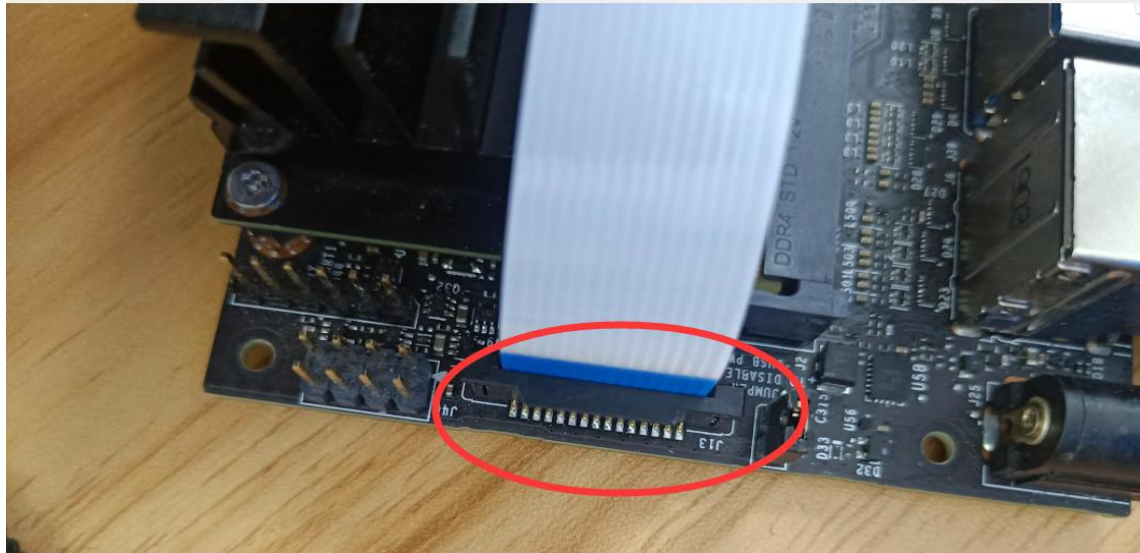
Note: Only supports **IMX219** sensor camera.
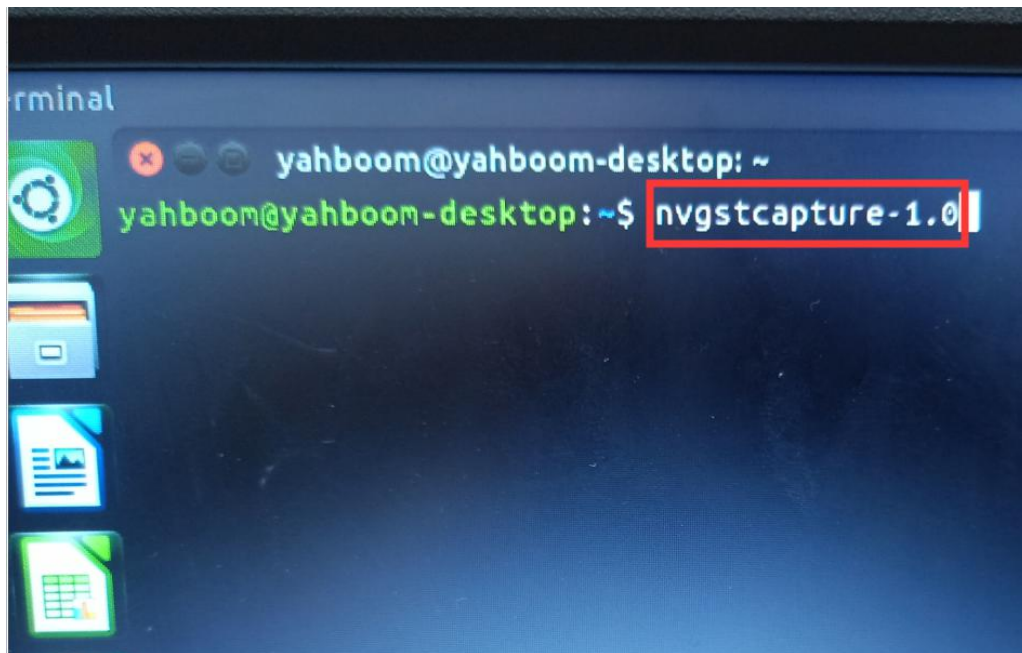
1. About wiring

Please complete the wiring between the camera module and the Jetson Nano board as shown below.

2. Test the camera

We need to open the terminal of Jetson Nano and input command: **nvgstcapture-1.0**
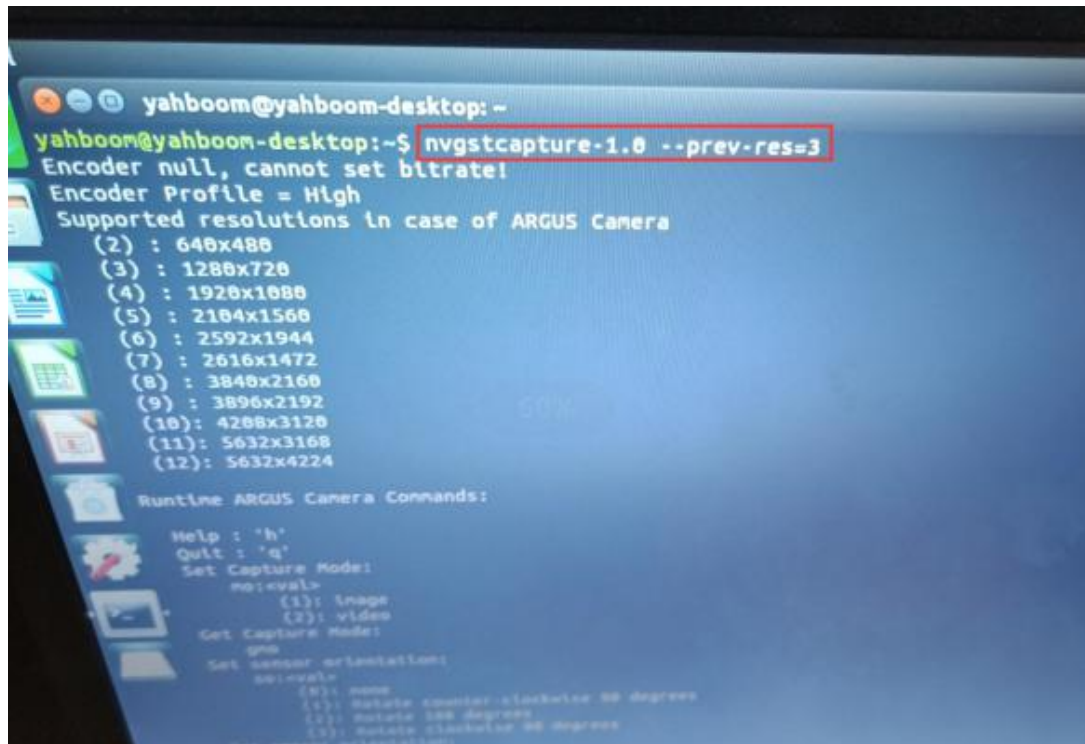Then, the camera will start.

2.2 We can use several commands in the manual.

1) <mark>--prev_res</mark>

This command is be used to preview the resolution, height and width of the video, CSI camera with a range of 2 to 12 (5632x4224)

e.g: **nvgstcapture-1.0 --prev-res=3**

As shown below:

2) <mark>--cus-prev-res</mark>

This command is be used to custom preview resolution, width and height, only support CSI camera

e.g: **nvgstcapture-1.0 --cus-prev-res=1920x1080**

As shown below:

If multiple commands are used at the same time, we need to use **!** separated.

If you want to turn off the camera, we need to input **"q"** directly in the terminal and press **"Enter"**.

If you want to capture the picture, we need to input **" j"** in the terminal and press **"Enter"**. The picture will be saved in the current directory.