

# Onboard Camera Tutorial

Note: Currently only cameras with IMX219 sensors are supported:

How to test the camera and open the Jetson nano terminal

Write command: `nvgstcapture-1.0`, the camera will be up

The author briefly used several commands in the manual

1. `--prev_res` Preview the resolution, height, and width of the video screen. If using a CSI camera, the range is 2 to 12 (5632x4224)

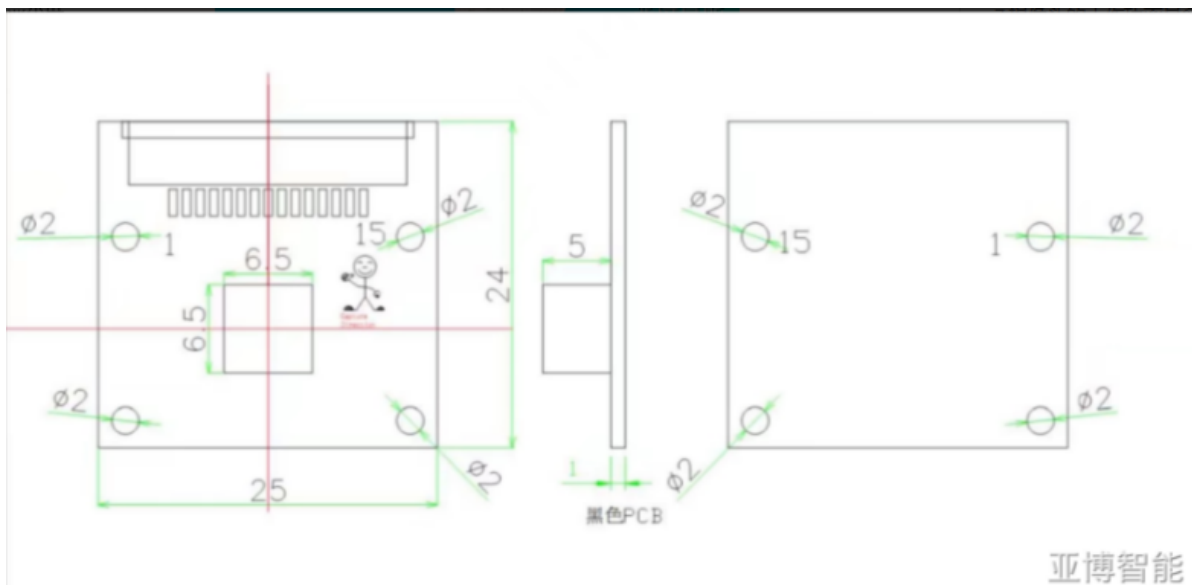
e.g., `nvgstcapture-1.0 --prev-res=3`

2. `--cus prev res` custom preview resolution, width, and height, only supports CSI camera e.g., `nvgstcapture-1.0 --cus-prev-res=1920x1080` If multiple commands are used simultaneously! separate

To turn off the camera, simply enter `q` at the terminal and press Enter. If you want to capture an image, enter `j` on the terminal and press Enter. The image will be saved in the current directory

## common problem:

1. What are the hole spacing and size parameters of the camera



2. Can the distortion coefficient of the CSI160 camera be given

Answer: There is no such distortion coefficient