

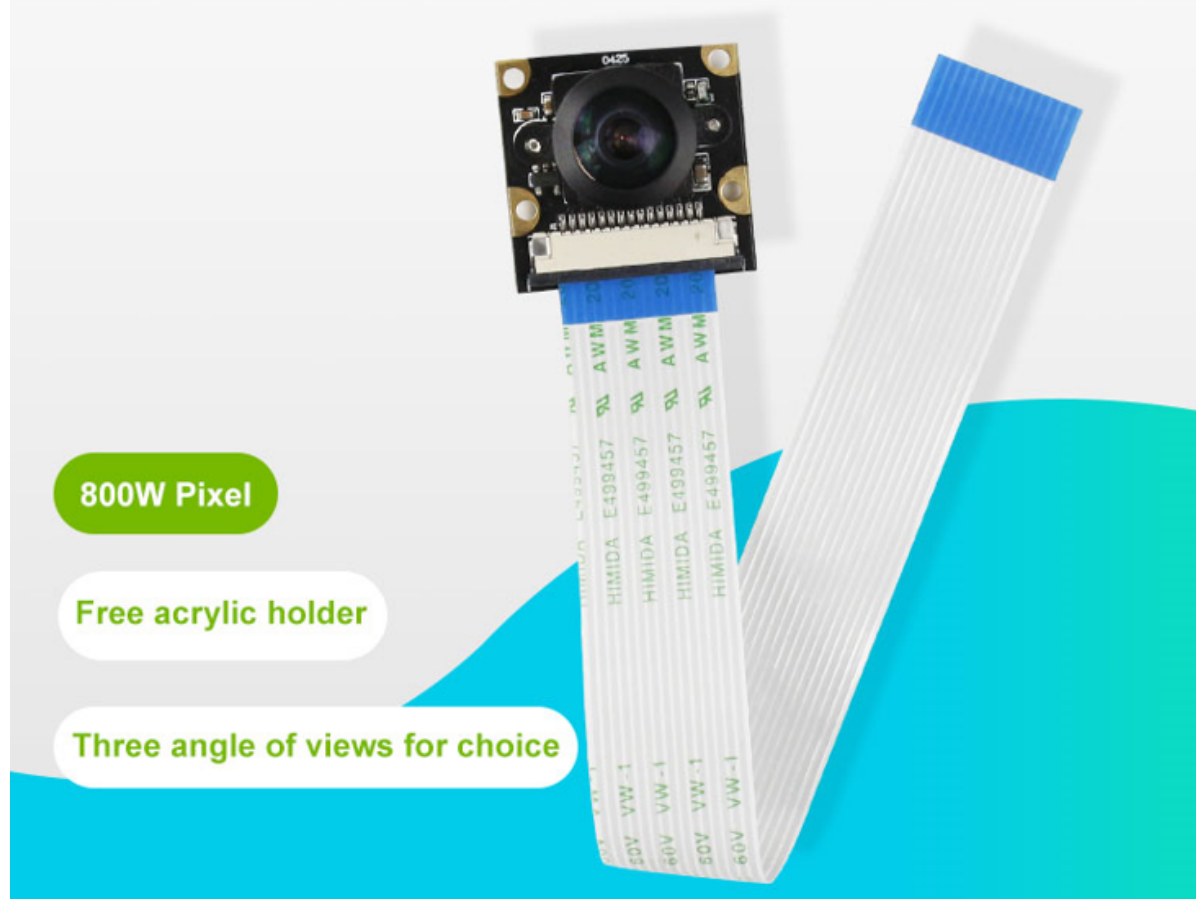
# Onboard Camera Tutorial

Note: Currently only cameras with IMX219 sensors are supported:

# JETSON SERIES

## HD camera

Support Jetson Nano/ Jetson Xavier NX development board



## How to test the camera and open the Jetson Nano B01 terminal

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

The author briefly used several commands in the manual

1. --prev\_resPreview 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`

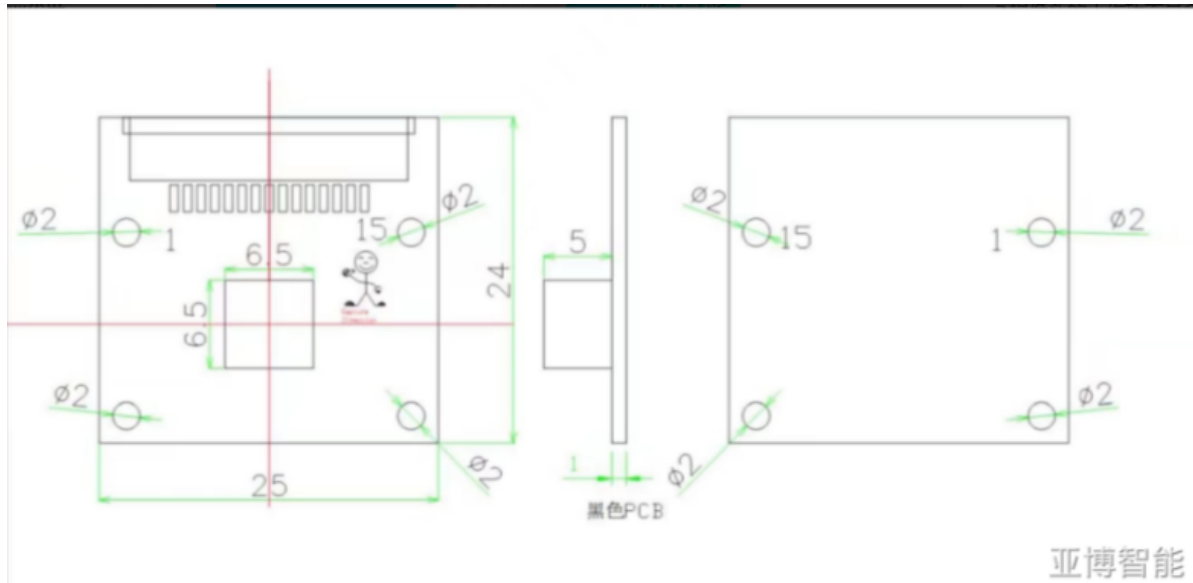
2. --Cus prev res custom preview resolution, width, and height, only supports CSI camerase.g.,  
nvgstcapture-1.0 --cus-prev-res=1920x1080If multiple commands are used simultaneously!

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