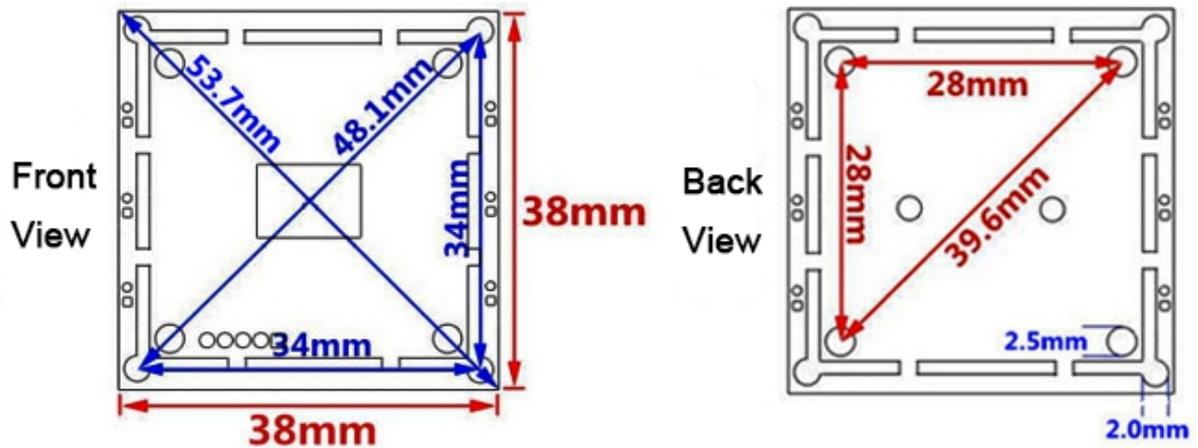


INTRODUCTION

This is an 8000K pixels driver-free camera of USB port with up to 3264*2448 resolution. Based on the Sony IMX179 CMOS sensor, it supports autofocus, plug, and play, offering HD photos and video. Compatible with multiple systems like Windows, iOS, Android, and Linux, this camera module comes with a digital microphone that captures the sound of 5 meters around the camera when recording video. The design of the USB port also makes it easier to use with your Raspberry Pi and Jetson Nano mainboard when they are placed in a protective case.



SPECIFICATION

Photosensitive Element: CMOS

Sensor: Sony IMX179

Lens Size: 1/3.2inch

Pixel Dimension: 1.4 μ m

Image Area: 6.18mm*5.85mm

Max Effective Resolution: 3264(H) X 2448(V) 8 Megapixel

Image Output Format: JPEG

Supported Resolution and Frame Rate:

3264X2448 @ 15fps / 2592X1944@ 15fps

1920x1080 @ 30fps / 1600X1200@ 30fps

1280X720 @ 30fps / 960X540@ 30fps

800X600 @ 30fps / 640X480@ 30fps

S/N Ratio: 34dB

Dynamic Range: 72.5dB

Sensitivity: 0.65V/lux-sec@550nm

Mini illumination: 0.5lux

Shutter Type: Electronic rolling shutter / Frame exposure

Interface Type: USB2.0 High Speed

Driver-free Protocol: USB Video Class (UVC)

OTG Protocol: USB2.0 OTG

AEC/AEB/AGC Support

Support photo taking by pressing button

Adjustable Parameter: Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, Gain, White balance, Backlight Contrast, Exposure

Camera Parameter: high-speed photographic apparatus camera, distortionless, size of 1/3.2, Auto-focus, 75 degree

Fill Light Power Supply Port: 4P-2.0 socket

Power Supply: USB BUS POWER 4P-2.0mm Socket

Operating Voltage: DC 5V

Operating Current: 160mA~260mA

Operating Temperature: -10~70°C

Storage Temperature: -20~85°C

Dimension: 38*38mm/1.50*1.50"

OS Supported:

WinXP/Vista/Win7/Win8

Linux with UVC (above linux-2.6.26)

MAC-OS X 10.4.8 or later

Wince with UVC

Android 4.0 or above with UVC

SHIPPING LIST

- 8000K Pixel USB Camera(With Microphone) x1