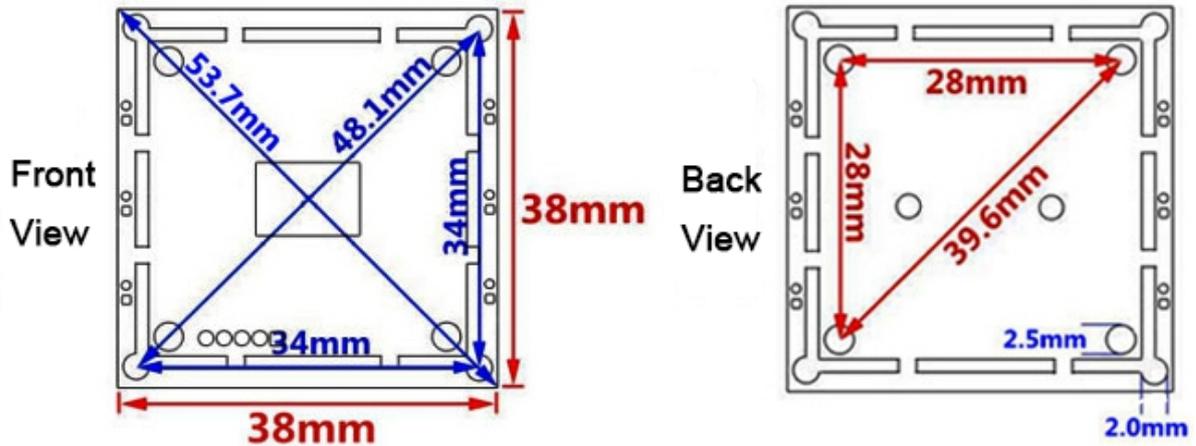


INTRODUCTION

This is a 2 Megapixels driver-free night camera of USB port with up to 1920*1080 resolution. Based on the Sony IMX291 sensor, it features manual focus, interchangeable lens, plug, and play, bringing you HD photos and video even in low light condition. Compatible with operating 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 IMX291

Lens Size: 1/2.8"

Pixel Size: 2.9 μ m*2.9 μ m

Image Distance: 1cm~ ∞

Max Effective Pixels: 1920(H) X 1080(V) 2 Megapixels

Image Output Format: MJPG/YUY2

Supported Resolution and Frame Rate:

MJPG: 1920X1080 @ 30fps / YUY2: 1920X1080@ 5fps

MJPG: 1920X480 @ 30fps / YUY2: 1920X480@ 10fps

MJPG: 1280X720 @ 30fps / YUY2: 1280X720@ 10fps

MJPG: 1280X480 @ 30fps / YUY2: 1280X480 @ 10fps

MJPG: 640X480 @ 30fps / YUY2: 640X480 @ 10fps

Manufacturing: SMT (ROSH)

Interface: USB2.0 High Speed (4Pin-2.0mm Connector)

Focus: adjustable, manual, or fixed focus

Minimum Illumination: 0.0001 Lux

Driver-free Protocol: USB Video Class (UVC)

AEC/AEB/AGC Support

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

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

Operating Voltage: DC5V

Operating Current: 160mA (VGA)

Operating Temperature: -20~70°C

Optional Lens: size 1/2.8", 1.8mm, 2.1mm, 2.8mm, 3.6mm, 6mm, 8mm, 12mm, 16mm

Dimension: 38*38mm/1.50*1.50"

Support OS: 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

- USB Night Camera(With Microphone) x1