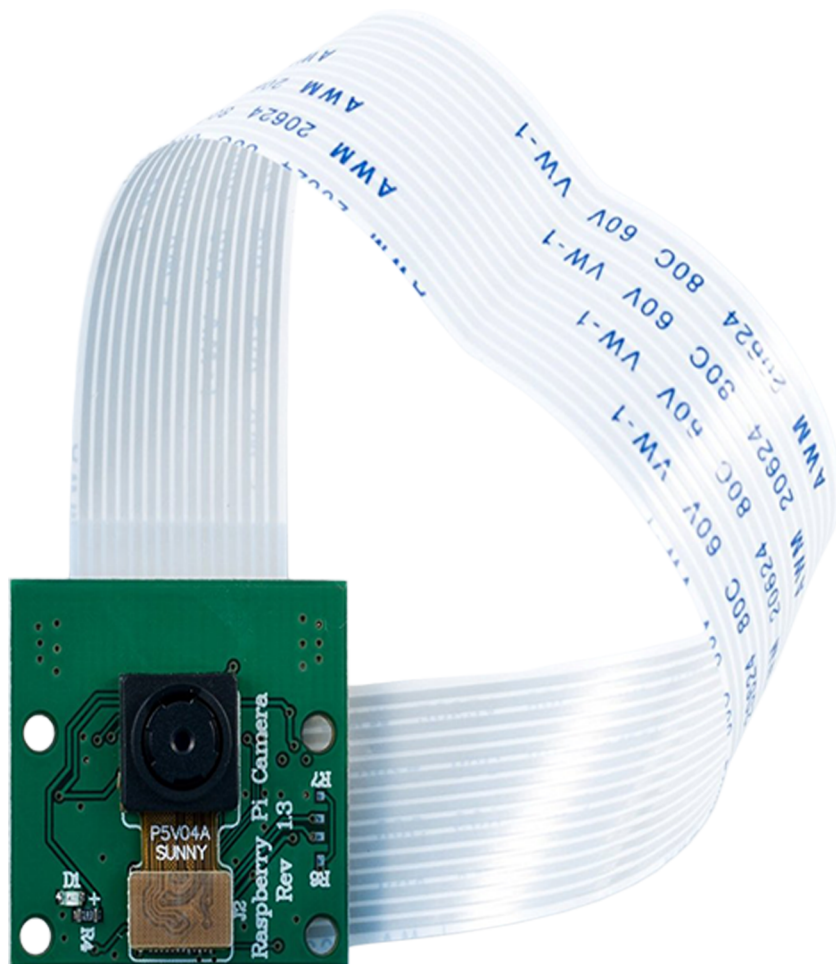


Raspberry Pi V1.3 Kamera



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1. Description

High definition camera module compatible with the Raspberry Pi model A and model B. Provides high sensitivity, low crosstalk and low noise image capture in an ultra small and lightweight design. The camera module connects to the Raspberry Pi board via the CSI connector designed specifically for interfacing to cameras. The CSI bus is capable of extremely high data rates, and it exclusively carries pixel data to the BCM2835 processor.

2. Specifications

Image Sensor	Omnivision 5647 CMOS image sensor in a fixed-focus module with integral IR filter
Resolution	5-megapixel
Still picture resolution	2592 x 1944
Max image transfer rate	1080p: 30fps (encode and decode) 720p: 60fps
Connection to Raspberry Pi	15 Pin ribbon cable, to the dedicated 15-pin MIPI Camera Serial Interface (CSI-2)
Image control functions	Automatic exposure control Automatic white balance Automatic band filter Automatic 50/60 Hz luminance detection Automatic black level calibration
Temp range	Operating: -30° to 70° Stable image: 0° to 50°
Lens size	1/4"
Dimensions	20 x 25 x 10mm
Weight	3g