



## Camera Module

<b>Product Name</b>	<b>Raspberry Pi Camera Module</b>
<b>Product Description</b>	High Definition camera module compatible with all Raspberry Pi models. 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 processor.
<b>RS Part Numer</b>	<b>913-2664</b>
<b>Specifications</b>	
<b>Image Sensor</b>	Sony IMX 219 PQ CMOS image sensor in a fixed-focus module.
<b>Resolution</b>	8-megapixel
<b>Still picture resolution</b>	3280 x 2464
<b>Max image transfer rate</b>	1080p: 30fps (encode and decode) 720p: 60fps
<b>Connection to Raspberry Pi</b>	15-pin ribbon cable, to the dedicated 15-pin MIPI Camera Serial Interface (CSI-2).
<b>Image control functions</b>	Automatic exposure control Automatic white balance Automatic band filter Automatic 50/60 Hz luminance detection Automatic black level calibration
<b>Temp range</b>	Operating: -20° to 60° Stable image: -20° to 60°
<b>Lens size</b>	1/4"
<b>Dimensions</b>	23.86 x 25 x 9mm
<b>Weight</b>	3g