



Pi NoIR Camera Module

Product Name	Pi NoIR - Raspberry Pi Infrared Camera Module
Product Description	Featuring the same 8 megapixel image sensor as the standard Raspberry Pi camera with the infrared cut-off filter removed to increase IR light sensitivity. The Pi NoIR is compatible with all Raspberry Pi models and provides high definition, 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 which is capable of extremely high data rates and it exclusively carries pixel data to the processor.
RS Part Numer	913-2673
Specifications	
Image Sensor	Sony IMX 219 PQ CMOS image sensor in a fixed-focus module with IR blocking filter removed.
Resolution	8-megapixel
Still picture resolution	3280 x 2464
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: -20° to 60° Stable image: -20° to 60°
Lens size	1/4"
Dimensions	23.86 x 25 x 9mm
Weight	3g
Note	The Pi NoIR camera is sensitive to short-wavelength IR radiation (around 880nm) and requires IR illumination to see in the dark.