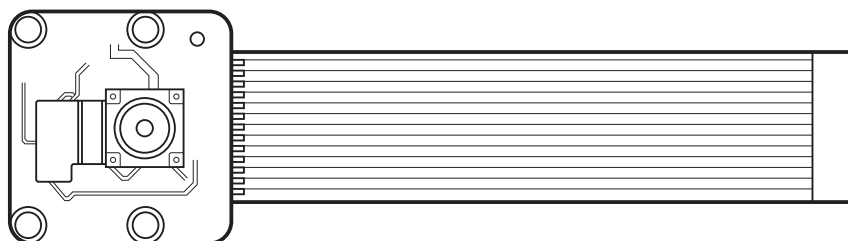


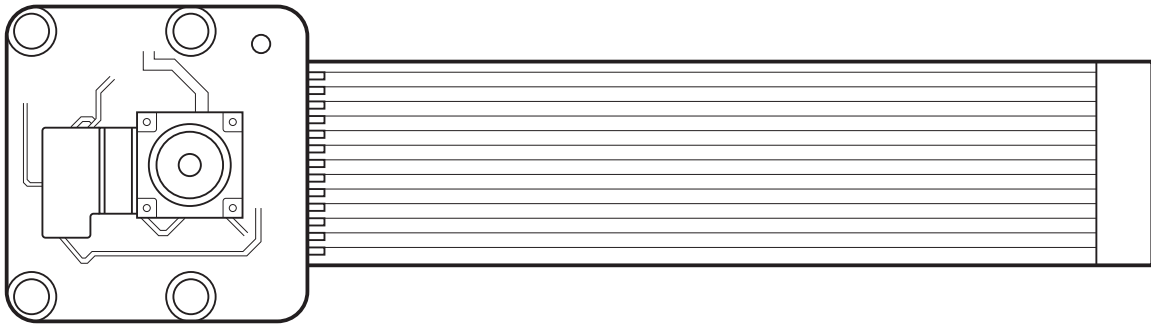


RASPBERRY PI NOIR
CAMERA MODULE V2
TECHNICAL DATA



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TECHNICAL DATA



OVERVIEW

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.

RASPBERRY PI NOIR CAMERA MODULE V2

TECHNICAL DATA

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: -20o to 60o Stable image: -20o to 60o
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.