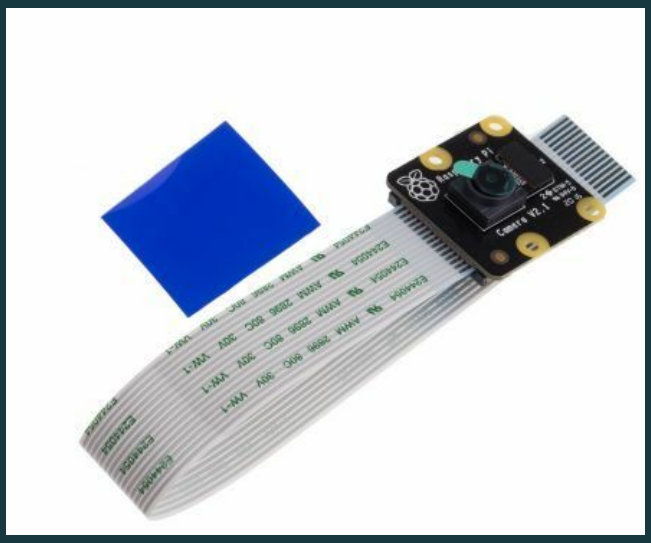
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INDUSTRIAL PRODUCT DATASHEET

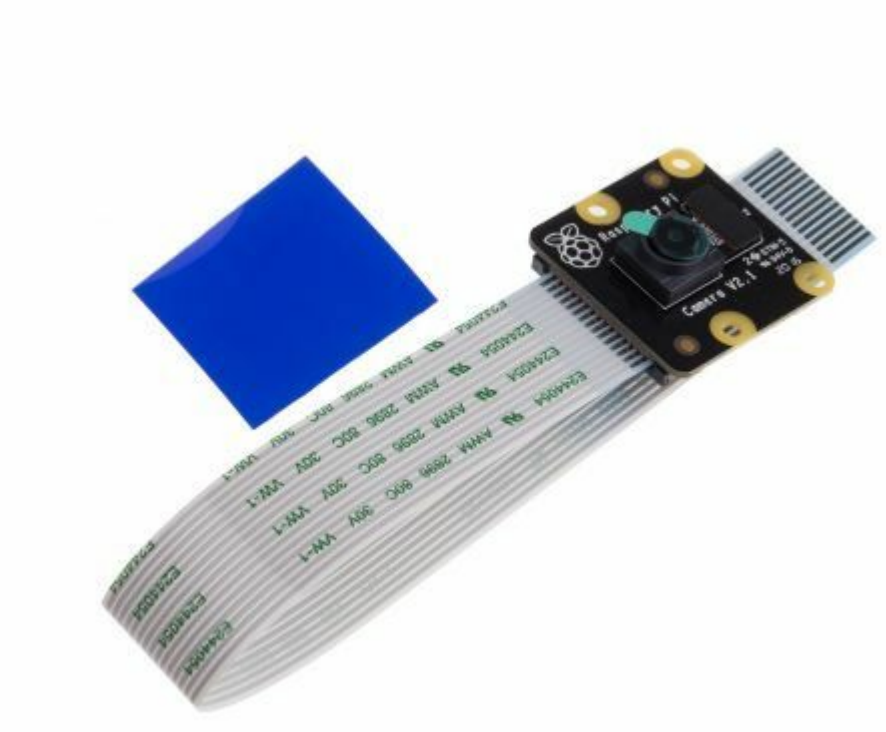
Raspberry Pi PiNoir Camera Module V2

Raspberry Pi PiNoir Camera Module V2: an 8MP camera with no IR filter for low-light and night vision, perfect for dark photography and monitoring applications.

SKU	UPDATED	PRICE
113990734	2026-04-09 12:43:19	$29.90(Excl. VAT)



Overview



The Raspberry Pi PiNoir Camera Module V2 is an 8-megapixel camera board that connects to any Raspberry Pi, enabling HD video and still photography. It features a Sony IMX219PQ sensor with no IR filter for enhanced low-light and night vision when used with IR LEDs, and includes automatic controls like exposure and white balance.

Key Features

Product Details

Raspberry Pi HD Pi NoIR Camera Board V2

The Raspberry Pi HD Pi NoIR Camera Board connects to any Raspberry Pi or Compute Module, allowing you to create HD video and still photographs. The Pi NoIR (No Infrared) is the same as the standard camera module but without an IR filter. Therefore it is great for photography and video in the dark.
The module utilises the IMX219PQ image sensor from Sony which offers high-speed video imaging and high sensitivity. The Pi NoIR module offers reduced image contamination such as fixed pattern noise & smearing. It also features automatic control functions such as exposure control, white balance & luminance detection.

Features and benefits:
No IR filter
High-quality imagery
High data capability
8 megapixels fixed focus (includes small focus adjustment tool)
Supports 1080p, 720p60 & VGA90
Sony IMX219PQ CMOS image sensor
15-pin ribbon cable

Connecting the Pi NoIR to Pi:
A 15 cm ribbon cable attached to the module slots straight into your Pi Camera Serial Interface port (CSI). Once connected, you can access the camera board via the Multi-Media Abstraction Layer (MMAL) or the Video for Linux (V4L) APIs. Alternatively there are libraries such as Picamera Python, and many others that you can find online.

Product Applications:
The Pi NoIR Camera Module from Raspberry Pi is ideal for HD videos and still photography at night. When used with IR LEDs you are able to see in the dark, so you can monitor plant health or even nocturnal animals.

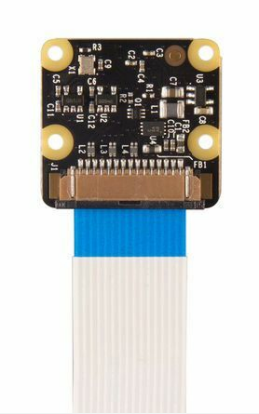
Note

IR LEDs are required for illumination when using the Pi NoIR camera module in the dark.

Raspberry Pi Cameras

specifications

Product Gallery





Compliance & Logistics

EU DOC | RoHS | UK DOC

HSCODE	8525801390
USHSCODE	8525895050
UPC	
EUHSCODE	8517600000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Raspberry-Pi-PiNoir-Camera-Module-V2-p-4166.html

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