



Raspberry Pi Camera Module 2

PCN 62 – Change of sensor to Sony
IMX355

Colophon

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Document version history

Release	Date	Description
1	04 Aug 2026	Initial release
2	27 Aug 2026	Add reason for change section. Add updated focus tool to mechanical section. Formatting changes

Product Change Notification

Notification ID

62

Notification date

24 Aug 2026

Title

Change of sensor to Sony IMX355

Products Affected

Raspberry Pi Camera Module 2

Reason for Change

The Sony IMX219 has been declared end of life by the manufacturer.

Change Description

Old PCB revision: 2

New PCB revision: 3

Raspberry Pi Ltd have extensively tested and qualified this replacement sensor which closely match the original parts in terms of specification and performance.

Mechanical (Form, Fit, Function) Changes

The focus adjustment tool (included in the package) has been updated to match the new sensor.

Electrical

None

Software/Firmware Changes Required

This new product revision is supported in `libcamera` versions from Sept 2026 onwards.

Raspberry Pi Ltd always recommend using the latest version of firmware and Linux kernel, wherever that is practical.

Warning

Please contact the Raspberry Pi Applications team if you are using firmware based camera software (pre-libcamera).

Changes to camera capabilities

Whilst the majority of physical features (pixel resolution, pixel size, optics) are the same between the two sensors, the IMX355 benefits from improved tuning algorithms, providing better colour reproduction.

Transition Date(s)

Nov 2026 to Jan 2027

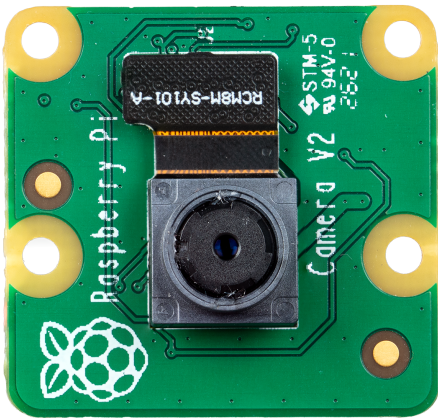
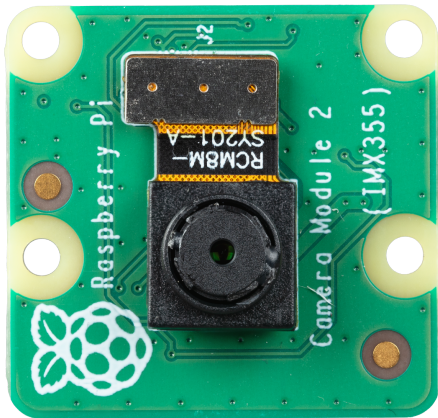
There will be a transition period where both old and new units are available in the distribution channel.

Identification Method to Distinguish Change

The new product can be distinguished by visual examination or by software.

Visual

Table 1.
Comparison Images

Original Part	New Part
 The image shows the back of a Raspberry Pi Camera V2 module. It is a green PCB with a black camera lens in the center. Text on the PCB includes 'Raspberry Pi' and 'Camera V2'. A small black component is labeled 'RCM8M-SY101-A' and 'STM-5 94V-0'.	 The image shows the back of a Raspberry Pi Camera Module 2 (IMX355) module. It is a green PCB with a black camera lens in the center. Text on the PCB includes 'Raspberry Pi' and 'Camera Module 2 (IMX355)'. A small black component is labeled 'RCM8M-SY201-A'.

Software

In a terminal window, run the following command:

```
$ rpikam_hello --list-cameras
```

The following output can be used to distinguish between the two sensors.

Listing 1.
IMX219 based Raspberry Pi Camera Module 2

```
Available cameras
-----
0 : imx219 [3280x2464 10-bit RGB] (/base/axi/pcie@1000120000/rp1/i2c@80000/imx219@10)
  Modes: 'SRGBB10_CSI2P' : 640x480 [200.16 fps - (1000, 752)/1280x960 crop]
                        1640x1232 [81.07 fps - (0, 0)/3280x2464 crop]
                        1920x1080 [47.57 fps - (680, 692)/1920x1080 crop]
```

```

3280x2464 [21.19 fps - (0, 0)/3280x2464 crop]
'SRGGB8' : 640x480 [200.16 fps - (1000, 752)/1280x960 crop]
1640x1232 [81.07 fps - (0, 0)/3280x2464 crop]
1920x1080 [47.57 fps - (680, 692)/1920x1080 crop]

```

Listing 2.*IMX355 based Raspberry Pi Camera Module 2*

```

Available cameras
-----
0 : imx355 [3280x2464 10-bit RGB] (/base/axi/pcie@1000120000/rp1/i2c@800000/imx355@1a)
  Modes: 'SRGGB10_CSI2P' : 820x616 [76.05 fps - (0, 0)/3280x2464 crop]
                                1280x720 [130.72 fps - (360, 512)/2560x1440 crop]
                                1284x720 [130.72 fps - (360, 512)/2568x1440 crop]
                                1296x736 [127.96 fps - (344, 496)/2592x1472 crop]
                                1300x736 [127.96 fps - (344, 496)/2600x1472 crop]
                                1640x922 [102.69 fps - (0, 304)/3280x1844 crop]
                                1640x1232 [77.27 fps - (0, 0)/3280x2464 crop]
                                1920x1080 [43.97 fps - (680, 692)/1920x1080 crop]
                                1924x1080 [43.97 fps - (680, 692)/1924x1080 crop]
                                1936x1096 [43.34 fps - (672, 684)/1936x1096 crop]
                                1940x1096 [43.34 fps - (672, 684)/1940x1096 crop]
                                3264x2448 [19.60 fps - (8, 8)/3264x2448 crop]
                                3268x2448 [19.60 fps - (8, 8)/3268x2448 crop]
                                3280x2464 [19.47 fps - (0, 0)/3280x2464 crop]

```

Contact us for more information

Please contact applications@raspberrypi.com if you have any queries about this PCN.

Web: www.raspberrypi.com



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