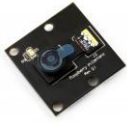


RPi Camera (D)



Features

- Raspberry Pi Camera, compatible with the original one, supports all revisions of the Pi
- 5 megapixel OV5647 sensor in a fixed-focus module
- Camera specifications
 - CCD size : 1/4 inch
 - Aperture (F) : 2.8
 - Focal Length : 3.37 mm
 - Diagonal : 72.4 degree
 - Sensor best resolution : 1080p
- 2592 × 1944 still picture resolution
- Support 1080p30, 720p60 and 640x480p60/90 video record
- Dimension: 25mm x 24mm x 9mm

Note: to use the camera with Raspberry Zero v1.3, you need to buy a specific cable: [Raspberry Pi Zero v1.3 Camera Cable](#)

Development Resources

Wiki : [www.waveshare.com/wiki/RPi_Camera_\(D\)](http://www.waveshare.com/wiki/RPi_Camera_(D))

Selection Guide

Partnumber	Pixels	Sensor	Adjustable-focus	Infrared Night Vision	Angle of View (degree)	Manufacturer	Dimensions (mm)	Recommendation ¹
RPi Camera	5 Mega	OV5647	×	×	72.4	element14	25x24x9	★
RPi Camera V2	8 Mega	IMX219	×	×	73.8	element14	25x24x9	★★★★☆
RPi NoIR Camera V2	8 Mega	IMX219	×	✓	73.8	element14	25x24x9	★★★★☆
RPi Camera (B)	5 Mega	OV5647	✓	×	75.7	Waveshare	32x32	★★★

RPi Camera (C)	5 Mega	OV5647 ×	×	72.4	-	25x24x9	★☆☆
RPi Camera (D)	5 Mega	OV5647 ×	×	72.4	Waveshare	25x24x9	★★
RPi Camera (E)	5 Mega	OV5647 ×	√	72.4	Waveshare	25x24x6	★★
RPi Camera (F)	5 Mega	OV5647 √	√	75.7	Waveshare	25x24	★★★★
RPi Camera (G)	5 Mega	OV5647 √	×	160	Waveshare	25x24	★★★★
RPi Camera (H)	5 Mega	OV5647 √	√	160	Waveshare	25x24	★★★★
RPi Camera (I)	5 Mega	OV5647 √	×	170	Waveshare	32x32	★★★
RPi Camera (J)	5 Mega	OV5647 √	×	222	Waveshare	25x24	★★★★☆
RPi IR-CUT Camera ²	5 Mega	OV5647 √	√	75.7	Waveshare	31x32	★★★★
RPi Zero V1.3 Camera	5 Mega	OV5647 ×	×	72.4	Waveshare	60x11.5x5	★★★

1. The recommendation is considered from sales report and cost performance.
2. While normal IR cameras will take curious reddish pictures by daylight for lacking of IR filter in the CCD, the RPi IR-CUT Camera can take better pictures in correct color by daylight, and still features the ability to see in the dark.