

INDUSTRIAL PRODUCT DATASHEET

OV5647-62 FOV Camera Module for Raspberry Pi 3B+4B

OV5647-62 FOV Camera Module for Raspberry Pi 3B+4B with 5MP OV5647 sensor, 160° fisheye lens, IR fill light, and 6mm adjustable focus for large landscape camera shooting.

SKU

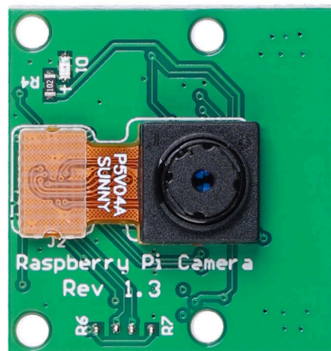
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UPDATED

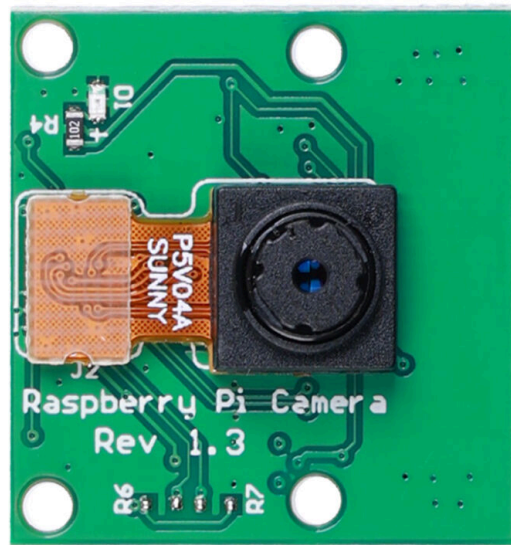
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PRICE

\$7.90(Excl. VAT)



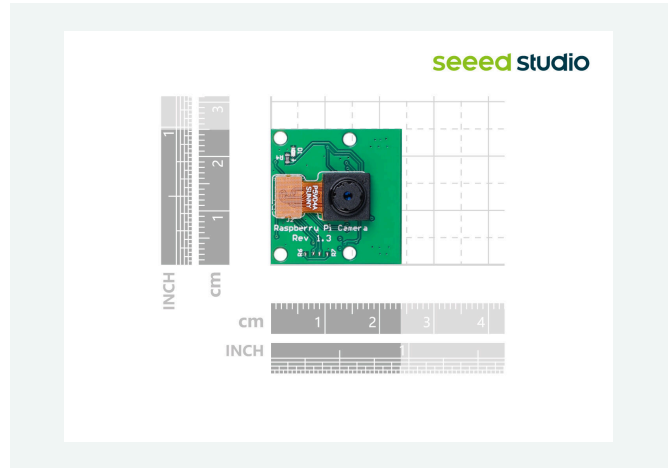
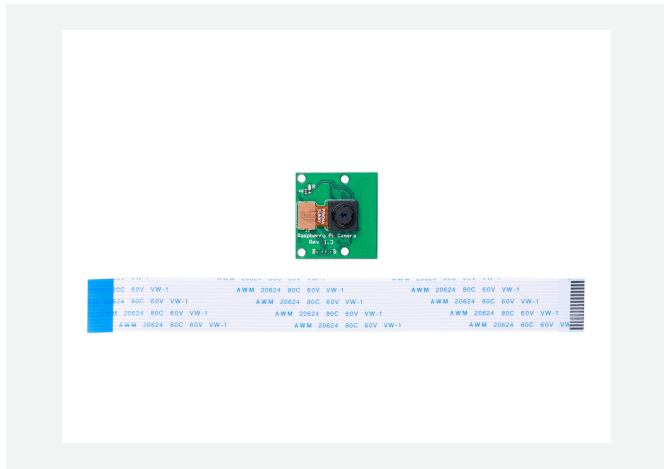
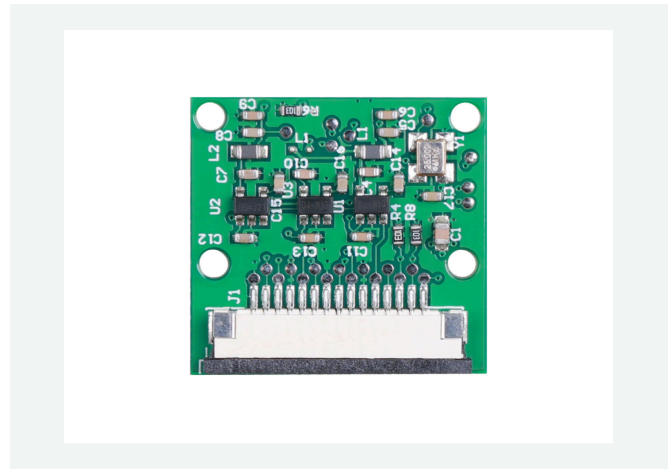
Overview



The OV5647-62 FOV Camera Module is compatible with Raspberry Pi 3B+4B and features a 5 megapixel OV5647 light-sensitive chip with a fisheye lens, delivering a 2592 x 1944 active array size. It provides a 160° field of view, supports IR fill light for low-visibility conditions, includes 4 screw holes for attachment, and has an adjustable 6mm focus length lens.

Key Features

- **Compatible Raspberry Pi Camera:** 5 megapixel OV5647 light-sensitive chip and fisheye lens equipped, presents **2592 x 1944** active array size, supporting Raspberry Pi 3B+4B
- **Wider Field of View:** Benefits from Fisheye Lens to achieve 160 FOV for more sense area capture
- **Extended Visual Scenarios:** Support with IR fill light suitable for more lack visibility situations
- **On-module 4 Screw Holes:** Convenient for attachment to surveil a large landscape
- **Adjustable:** 6mm Focus Length Lens



Parameters	Official Camera Module v1	OV5647- 62 FOV Camera module	OV5647-67 FOV IR Camera module	OV5647-67 FOV IR Camera module
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Still resolution	5 Megapixels	5 Megapixels	5 Megapixels	5 M e g a p i x e l s
FOV	-	62	67	1 6 0
Video modes	1080p@30fps 720p@60fps	1080p@30fps 720p@60fps	1080p@30fps 720p@60fps	1 0 8 0 p @ 3 0 f p s 7 2 0 p @ 6 0 f p s
Sensor	OV5647	OV5647	OV5647	O V 5 6 4 7
Sensor Resolution	2592 × 1944 pixels	2592 × 1944 pixels	2592 × 1944 pixels	2 5 9 2 x 1 9 4 4 p i x e l s
Pixel Size	1.4 μm x 1.4 μm	1.4 μm x 1.4 μm	1.4 μm x 1.4 μm	1 . 4 μ m x 1 . 4 μ m

Focal Length	3.60 mm +/- 0.01	3.4 mm (adjustable)	3.6 mm (adjustable)	3 . 1 5 m m (a d j u s t a b l e)
Focal Ratio (F-Stop)	2.9	2.8	2.0	2 . 3 5
Power Supply	-	3.3 V (Pin 15)	3.3 V (Pin 15)	3 . 3 V (P i n 1 5)
Hardware Support	Raspberry Pi A+ / B / B+ / 2	Raspberry Pi 3B / 3B+ / 4	Raspberry Pi 3B / 3B+ / 4	R a s p b e r r y P i 3 B / 3 B + / 4
Operating Temp	-	-20°C to 70°C	-20°C to 70°C	- 2 0 ° C t o 7 0 ° C
CMOS Size	1/4 inch	1/4 inch	1/4 inch	1 / 4 i n c h

Size	25 × 24 × 9 mm	25 x 23 x 9mm	38 x 38 x 18.4mm (excluding lens)	25 mm x 24 mm x 18.4 mm ± 0.5 mm
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Applications

- Large Landscape Camera Shooting

Part List

OV5647-62 FOV Camera Module	x1
15 Pin FFC connector	x1

Compliance & Logistics



HSCODE	8525891900
USHSCODE	8525895050
UPC	
EUHSCODE	8517600000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/OV5647-69-1-FOV-Camera-module-for-Raspberry-Pi-3B-4B-p-5484.html>
- [Datasheet](#)
- [OV5647 Datasheet](#)

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