

# OV5647-160 FOV Camera module for Raspberry Pi 3B+4B, suitable for large or night landscape surveillance, support IR

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## Feature

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- **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 / 3B+ / 4
- **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 3.6mm Focus Length Lens**

## Specification

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Parameters	Official Camera Module v1	OV5647- 62 FOV Camera module	OV5647-67 FOV IR Camera module	OV5647-160 FOV IR Camera module
Still resolution	5 Megapixels	5 Megapixels	5 Megapixels	5 Megapixels
FOV	-	62	67	160
Video modes	1080p@30fps 720p@60fps	1080p@30fps 720p@60fps	1080p@30fps 720p@60fps	1080p@30fps 720p@60fps
Sensor	OV5647	OV5647	OV5647	OV 5647
Sensor Resolution	2592 × 1944 pixels	2592 × 1944 pixels	2592 × 1944 pixels	2592 × 1944 pixels
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 μm x 1.4 μm
Focal Length	3.60 mm +/- 0.01	3.4 mm (adjustable)	3.6 mm (adjustable)	3.15 mm (adjustable)
Focal Ratio (F-Stop)	2.9	2.8	2.0	2.35
Power Supply	-	3.3 V (Pin 15)	3.3 V (Pin 15)	3.3 V (Pin 15)
Hardware Support	Raspberry Pi A+ / B / B+ / 2	Raspberry Pi 3B / 3B+ / 4	Raspberry Pi 3B / 3B+ / 4	Raspberry Pi 3B / 3B+ / 4
Operating Temp	-	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C
CMOS Size	1/4 inch	1/4 inch	1/4 inch	1/4 inch
Size	25mm × 24mm × 9mm	25 × 24 × 7 ± 0.2 mm	25 × 24 × 23.8 ± 0.5mm	25 × 24 × 18 ± 0.5mm

