

Specification:

Model No	SCM-5MP-OV5647-H020
Sensor	1/4' ' OV5647
Pixel	5 Mega Pixel
Most effective pixels	2592(H) x 1944(V)
Pixel Size	1.4μm x 1.4μm
Image area	3673.6um x 2738.4
Resolution/ Frame rate	2592x1944 @15fps; 1080P @30fps; 960P @45fps; 720P @60fps; 640 x480 @90fps; 320 x240 @120fps
Shutter Type	Electronic rolling shutter
Focus type	Fixed focus
S/N ratio	36dB
Dynamic range	68dB
Sensitivity	680mV / lux-sec
Dark current	16 mV/sec @60° C
Output formats	8-/10-bit raw RGB data
Lens FOV	175°
Adjustable parameter	Brightness/Contrast/Color saturation/Hue/Definition/ Gamma/White balance/Exposure
Power consumption	DC 3.3V
Auto Exposure Control (AEC)	Support
Auto White Balance (AEB)	Support
Auto Gain Control (AGC)	Support
Dimension	Standard 25mm x24mm
Storage temperature	-20° C to 70° C
Compatibility	Raspberry Pi 2, Raspberry Pi 3 Model B/B+