

Performance Parameter

Module		SCM-5MP-OV5648-C255	REMARKS
Image Sensor		OV5648	
Image Sensor Size		1/2.8	
Effective Pixels		2592x1944	
Pixel size		1.4um*1.4um	
Optical distortion		≤0.5%	
Image sensor Data output		Raw Data 10bits	
Video output format		MIPI	
Maximum Frame Rates and Resolution		30fps @ full size	
SNR max		40dB	
Dynamic range		71dB	
Min. Illumination		≥0.01LUX at F1.2	NO LED
Digital interface		MIPI	
Power requirements		AVDD 2.9 IOVDD1.8; DVDD1.5V;	
Storage temperature		-20℃to70℃	
operating temperature		-10℃to60℃	
Power Consumption	NO LED	Max 100mW	
	White-LED	Max 200mW	
LED IR-850		NO	LED
OS		Android/linux2.6.2(include UVC)	
Lens view		M6	LENS
Lens Construction		5G+IR	
F/NO		2.2	
EFL		2.56mm	
FOV		D:85°±3°	
Shooting distance		Fixed Focus 40cm-infinity	