Performance Parameter

Module		SCM-IMX291-CIRC29	REMARKS
Image Sensor		IMX291	
Image Sensor Size		1/2.8	
Effective Pixels		1920*1080	
Pixel size		2.9umX2.9um	
Optical distortion		≤0.5%	
Image sensor Data output		Raw Data 10bits	
Video output format		MIPI	
Maximum Frame Rates and Resolution		120fps @ full size with MCLK of 74.25MHz	
SNR max		40dB	
Dynamic range		81dB	
Min. Illumination		≥0.01LUX at F1.2	NO LED
Digital interface		Mipi	
Transfer rates		480MB/S	
Power requirements		AVDD 2.9 IOVDD1.8 DVDD1.2	
Storage temperature		-20℃to70℃	
operating temperature		-10℃to60℃	
Power Consumption	NO LED	Max 200mW	
	IR-LED		
IRCUT power		5V~12V	
OS		Android / linux (include UVC)	
Lens view		M12	LENS
Lens Construction		6G+IR cut	
F/NO		2.1	
EFL		3.24mm	
FOV		D:105°±3°	
Shooting distance（模组拍摄距离）		Fixed Focus 30cm-infinity	