

Performance Parameter

Model		SCM-OV10653-051M	REMARKS
Image Sensor		OV10653	
Image Sensor Size		1/2.7	
Effective Pixels		1280*800	
Pixel size		3.0μm x 3.0μm	
Optical distortion		≤0.5%	
Image sensor Data output		Raw Data 10bits	
Video output format		MPJG YUV2	
Maximum Frame Rates and Resolution		1280×800 @ 30fps 1280×720 @ 30fps 640x480 @ 60 fps	MJPG YUV2
SNR max		39dB	
Dynamic range		115dB	
Min. Illumination		≥0.001LUX at F1.2	NO LED
Digital interface		5pin 1.25mm USB2.0 OTG	
Transfer rates		480MB/S	
Power requirements		5V±5%	
Storage temperature		-20℃to70℃	
operating temperature		-10℃to60℃	
Power Consumption	NO LED	Max 500mW	
	IR-LED		
LED IR-850		NO	
OS		WinXP/Vista/Win7/Win8 Linux with UVC (above linux-2.6.26) MAC-OS X 10.4.8 or later Wince with UVC Android 4.0 or above with UVC	
Lens size		M12 diameter; 14mm height	
Lens Construction		5G2P+IR	
F/NO		2.0	
EFL		2.24mm	
FOV		D:85°H:70°V:55° ±3°	
Shooting distance		Fixed Focus, 30cm-infinity	