ShenZhen jinshikang Photoelectronice Co.,Ltd

JSK-021HDR-V1.0 5MP 86° Angle Of View Auto Focus 2K Resolution 105DB Wide Dynamic Binocular Face Recognition Detection Camera Module

category		5M B/W	5M HDR	REMARKS
Scanning System		Progressive scan		
Scanning Frequency(H)		30HZ	30HZ	
Scanning Frequency(V)		50HZ	50HZ	
Image Sensor		1/2.5" CMOS	1/2.5" CMOS	
Effective Pixels		2592*1944	2592*1944	
Pixel size		2.0umX2.0um	2.0umx2.0um	
Image sensor Data output		Raw Data 10bits		
Video output		MJPG/YUY2		
Maximum Frame Rates（B/W）		1920x1080 at 30fps/1920x1080 at 5fps		MJPG
		1280x960 at 30fps/1280x960 at 5fps		
		1280x720 at 30fps/1280x720 at 10fps		
		1024x768 at 30fps/1024x768 at 10fps		
		800x600 at 30fps/800x600 at 20fps		
		640x480 at 30 fps/640x480 at 30 fps		
		352x288 at 30fps/352x288 at 30fps		
		320x240 at 30fps/320x240 at 30fps		
		160x120 at 30fps/160x120 at 30fps		
Maximum Frame Rates（HDR）		1920x1080 at 30fps/1920x1080 at 5fps		YUY2
		1280x960 at 30fps/1280x960 at 5fps		
		1280x720 at 30fps/1280x720 at 10fps		
		1024x768 at 30fps/1024x768 at 10fps		
		800x600 at 30fps/800x600 at 20fps		
		640x480 at 30fps/640x480 at 30 fps		
		352x288 at 30fps/352x288 at 30fps		
		320x240 at 30fps/320x240 at 30fps		
		160x120 at 30fps/160x120 at 30fps		
SNR max		≥41dB	≥41dB	
Dynamic range		≥96dB	≥96dB	
Min. Illumination		≥0.1LUX at F1.2	≥0.1LUX at F1.2	NO LED
Digital interface		4-pin 1.25mm USB2.0		
Transfer rates		480Mb/S		
Power requirements		5V±5%		
Power Consumption	NO LED	Max 0.8W	Max 1W	
	IR-LED	Max 1.5W		
IR-LED Wavelength		850nm		
Dimensions(PCBA)mm		80*16*18±0.0.3		
Operating temperature（℃）		-20~60 ℃		
Storage temperature(℃)		-10~70 ℃/0~90RH		
Compliance		USB-IF WHQL CE RoHS		
Lens Mount		3.6MM/4.7MM/6MM		
Lens view		M12		
Shutter type		Electronic Rolling Shutter		
visual angle		86°		
Aperture		2.8		
Exposure compensation / gain		Automatic		
Focusing distance		fixed 50-150cm		
Product Picture				