ShenZhen jinshikang Photoelectronice Co.,Ltd

ZH800-V2.0 2K Resolution 5MP HD Wide Dynamic 110dB Face Recognition High Frame Auto Focus Binocular Live Detection Camera Module

Signal	5M B/W	5M HDR	REMARKS
Scanning System	Progressive scan		
Scanning Frequency(H)	30HZ	25HZ	
Scanning Frequency(V)	50HZ	50HZ	
Image Senso	1/2.5" CMOS	1/2.5" CMOS	
Effective Pixels	2592*1944	2592*1944	
Pixel size	2.0um*2.0um	2.0um*2.0um	
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	Max 0.8W	Max 1W	
	Max 1.5W		
IR-LED Wavelength	850nm		
Dimensions(PCBA)mm	48mm*30mm*11mm±0.3mm		
Operating temperature (℃)	-10~60 ℃		
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	74°		
Aperture	2.4		
Exposure compensation / gain compensation / white balance	Automatic		
Focusing distance	fixed 50-150cm		
Product picture			