

DV-BD4044S305AD

USB2.0 BW/HDR Double LENS CAMERA



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1. Product feature(产品特性)

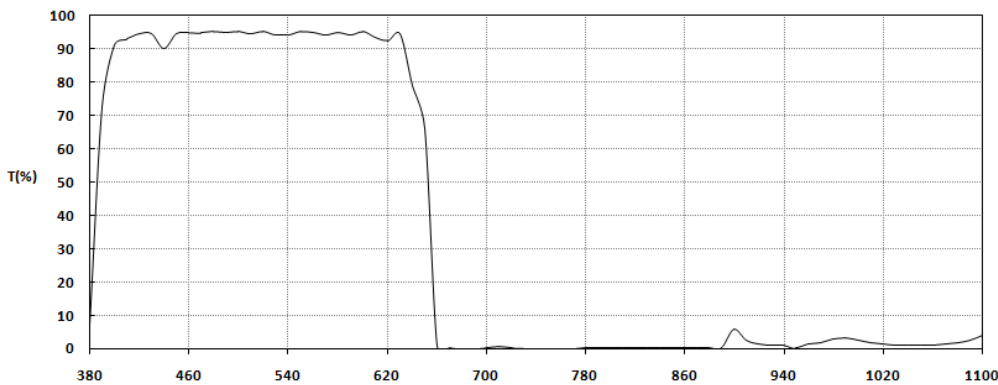
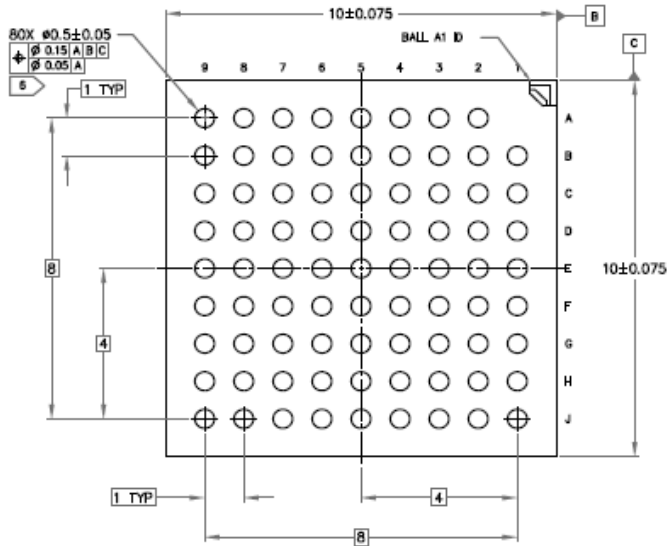
- 1/2.7" 工业级双目 200 万高清宽动态图像传感器
- 黑白彩色最大 30 帧无拖影
- 0.1Lux 超低照效果
- 黑白 1.5W,彩色 1W 超低功耗
- -30℃~+70℃宽温度范围稳定工作
- 专业 USB-IF WHQL ROHS CE (4KV/8KV) 认证
- USB2.0 高速传输/ USB3.0 兼容 USB2.0 设备
- 设备名称 厂家 等描述信息多样化定制
- UVC 架构, 兼容 Windows XP/7/8.1/10/vista/seven/Mac linux2.6.2(include UVC)多种系统
- 长达 3 年的质保期&13 万小时无故障寿命
- 锌镁合金外壳高强度碰撞防护
- 平台最低配置: CPU 1.7GHZ 512MB 内存 40GB 硬盘 XP SP2 系统

2. SPECIFICATIONS(规格书)

Signal	2M B/W	2M HDR	REMARKS
Scanning System (扫描方式)	Progressive scan		
Scanning Frequency(H) (扫描频率)	30HZ	25HZ	
Scanning Frequency(V)	50HZ	50HZ	
Image Sensor (图像感光片)	1/2.7" CMOS	1/2.7" CMOS	Aptina
Effective Pixels (有效像素)	1920x1080	1920X1080	
Pixel size (像素点大小)	3.0umX3.0um	3.0umx3.0um	
Image sensor Data output (数据输出类型)	Raw Data 10bits		
Video output (输出格式)	MJPG/YUY2		
Maximum Frame Rates (B/W) (分辨率和帧率)	1920x1080 at 30fps 1280x1024 at 30fps 1280x720 at 30fps 1024x768 at 30fps 800x600 at 30fps 640x480 at 30 fps 352x288 at 30fps 320x240 at 30fps 160x120 at 30fps	1920x1080 at 5fps 1280x1024 at 5fps 1280x720 at 10fps 1024x768 at 10fps 800x600 at 20fps 640x480 at 30 fps 352x288 at 30fps 320x240 at 30fps 160x120 at 30fps	MJPG
Maximum Frame Rates (HDR) (分辨率和帧率)	1920x1080 at 30fps 1280x960 at 30fps 1280x720 at 30fps 1024x768 at 30fps 800x600 at 30fps 640x480 at 30 fps 352x288 at 30fps 320x240 at 30fps 160x120 at 30fps	1920x1080 at 5fps 1280x960 at 5fps 1280x720 at 10fps 1024x768 at 10fps 800x600 at 20fps 640x480 at 30 fps 352x288 at 30fps 320x240 at 30fps 160x120 at 30fps	YUY2
SNR max (信噪比)	≥41dB	≥41dB	
Dynamic range (动态范围)	≥96dB	≥105dB	
Min. Illumination (最低照度)	≥0.01LUX at F1.2	≥0.1LUX at F1.2	NO LED
Digital interface (连接接口)	5-pin 1.25mm USB2.0		
Transfer rates (接口速度)	480Mb/S		
Power requirements (电源)	5V±5%		
Power Consumption (功率)	NO LED	Max 0.6W	Max 1W
	IR-LED	Max 1.5W	
IR-LED Wavelength(红外灯光谱)	850nm		
Dimensions(PCBA) (PCBA 尺寸) mm	28x38 ±5%		
Weight (重量)	52g±5%		
Operating temperature (°C) (稳定工作温度)	-30~70 °C		
Storage temperature(°C) (储存温度&湿度)	-40~80 °C/0~90RH		
Compliance (产品标准)	USB-IF WHQL CE RoHS		
Lens Mount (可搭配镜头类型)	M12(f=3.5MM)		
Lens view (默认镜头)	M12		

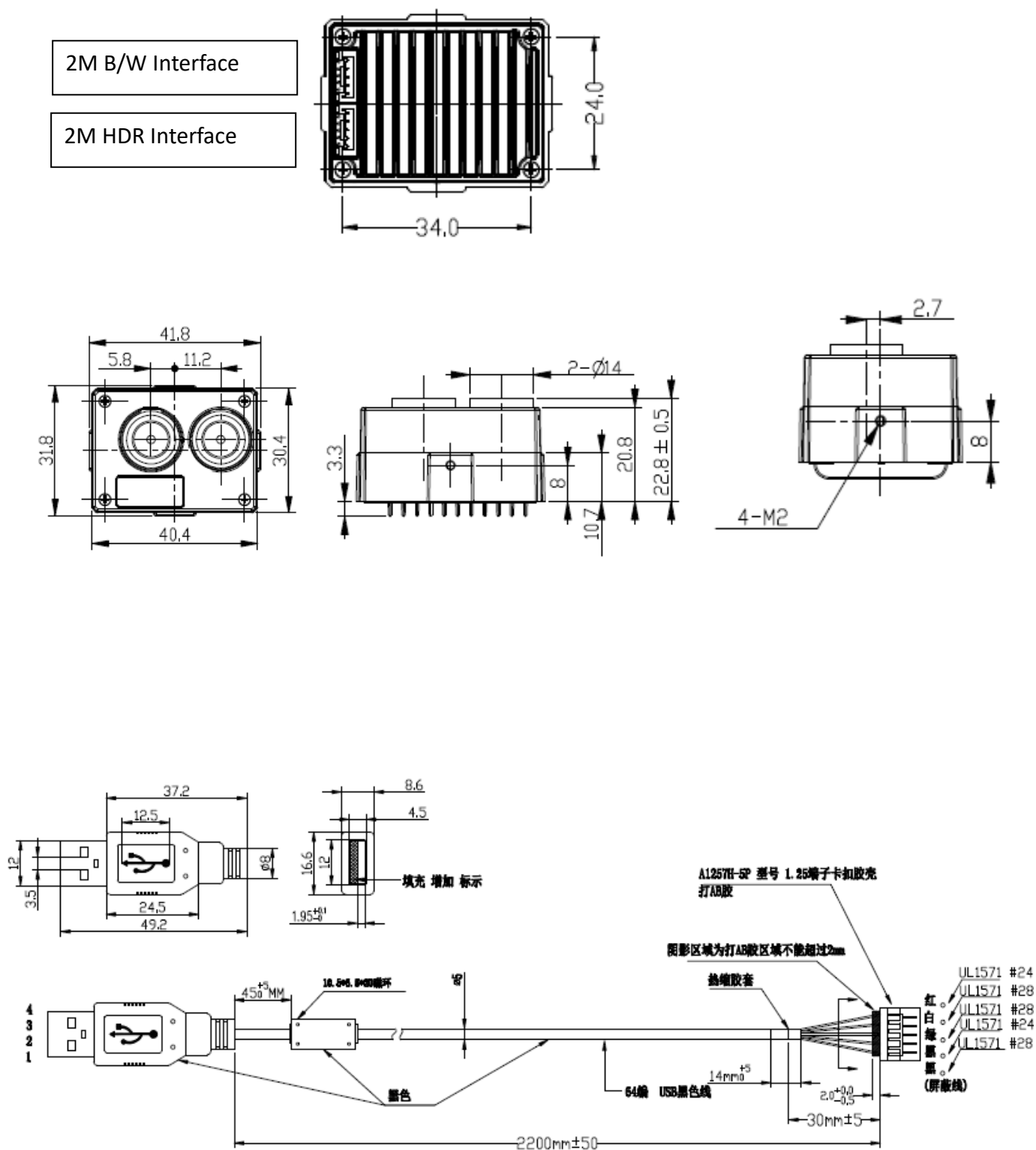
3.Sensor Dimension (感光片尺寸)&Filter wavelength (滤光片光谱)





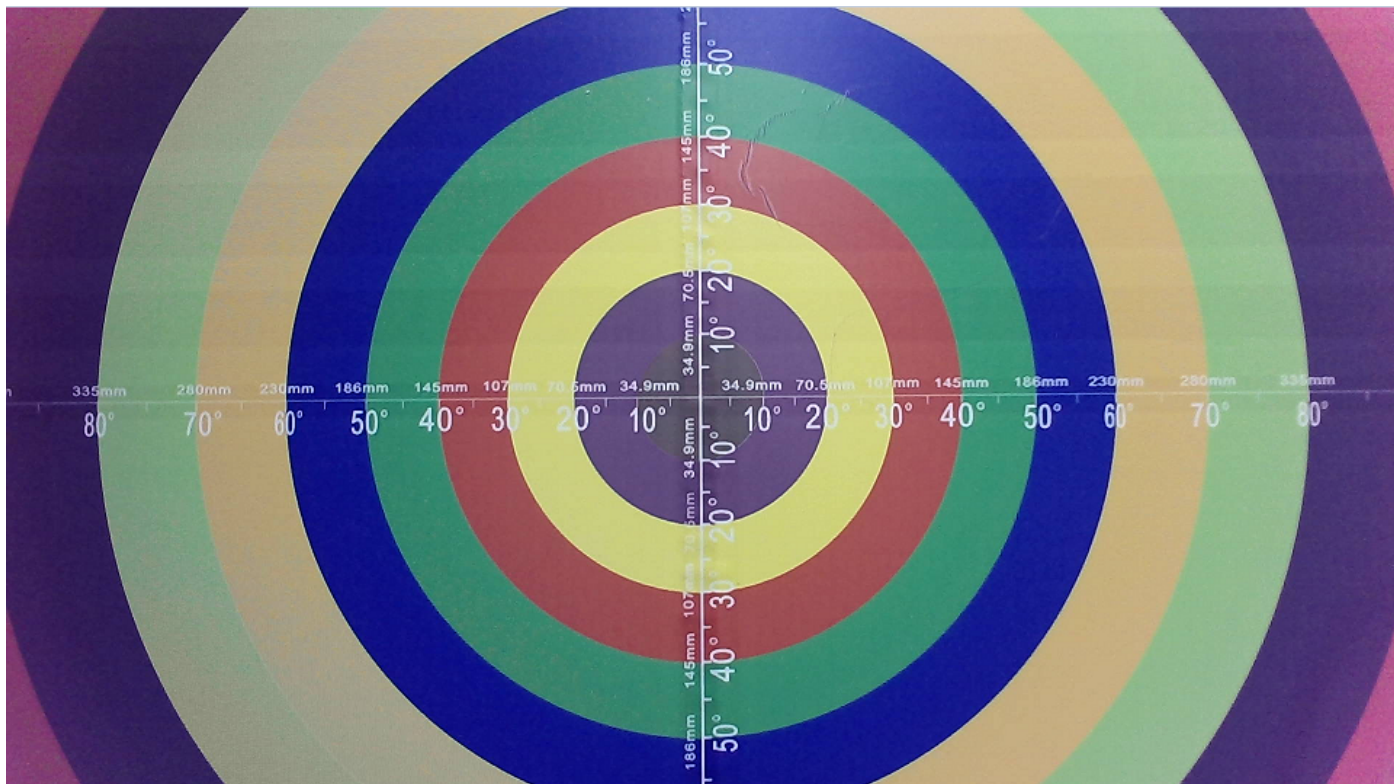
Color-IR Filter wavelength (彩色滤光片光谱)

4. Product&USB Cable Dimension (产品和线材尺寸)

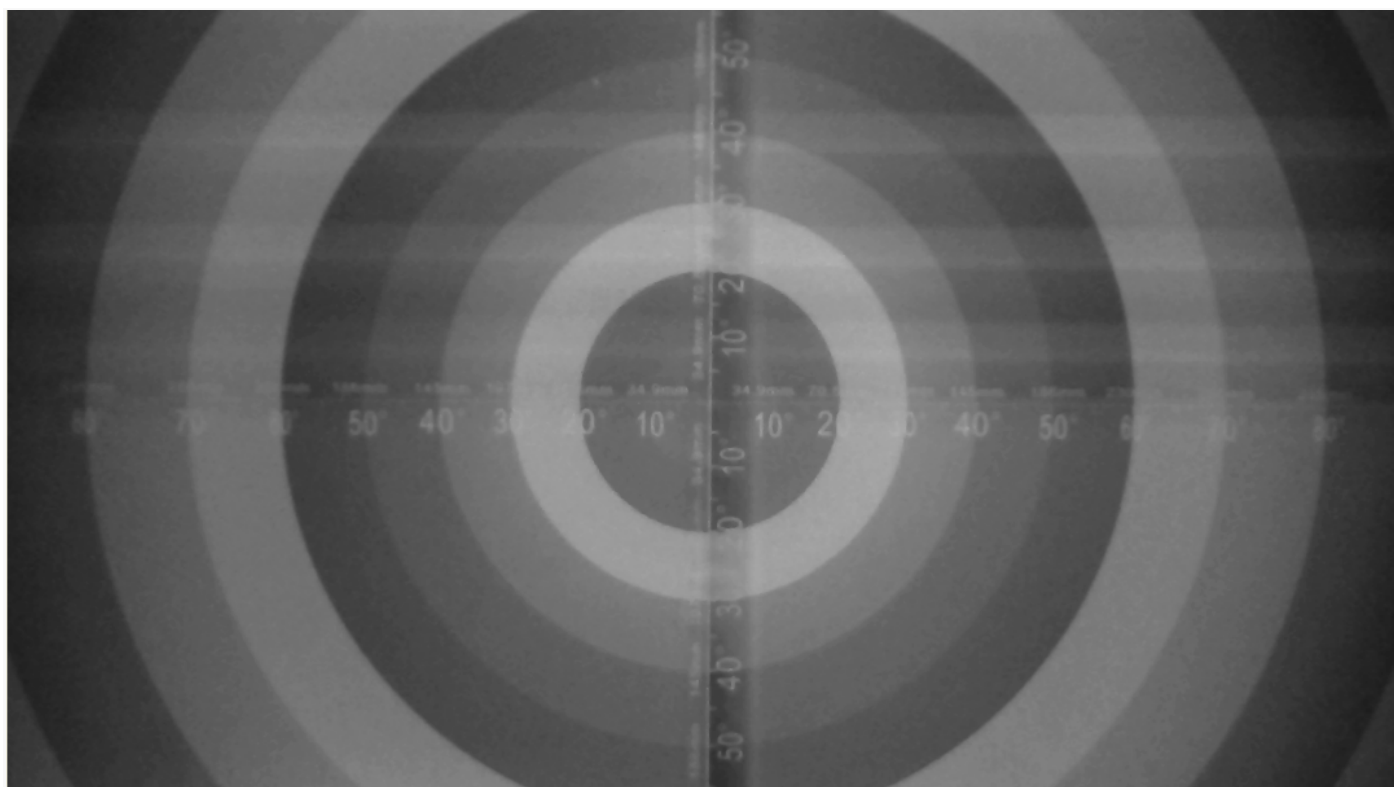


5. Viewing Angle (可视角度)

200W 角度 (彩色)



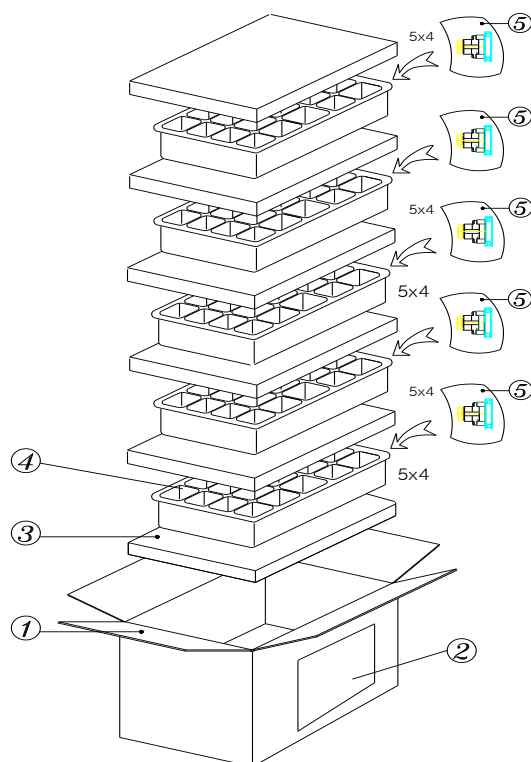
200W 角度(黑白)



6. Cover proportion(mm) （外壳成份）

NO.	component	Proportion	NOTE
1	ZN	96.2000%	
2	CU	0.0160%	
3	Aluminum	3.7000%	
4	Fe	0.0030%	
5	Pb	0.0025%	
6	Sn	0.0004%	
7	Mg	0.0030%	

7. Modes of packing （包装方式）



NO.	NAME	QTY
1	CARTON BOX	
2	C/T MODEL LABEL	
3	CARTON PAD	
4	BOARD CUSHION	
5	BOARD CAMERA	