



Features

- ◆ Spectral Detection Range: 340~1100nm
- ◆ Beam Spot Measurement Range: 34.5 μ m~7.1mm
- ◆ Maximum Power Handling: 1W
- ◆ PC Host Software, Large Beam Spot Detection via Image Stitching, and Multi-Spot Simultaneous Monitoring

Model	CD0307VIS-B
Spectral range	340~1100nm
Dynamic Range	73.9dB
Lowest effective response ^①	0.0965 μ W/cm ² @633nm 0.434 μ W/cm ² @1064nm
Sensor Size	8.4*7.1mm
Resolution	2448*2048
Min. sensor position	6mm
Sensor Pixel Size	3.45 μ m
Exposure Time	0.05ms~500ms
Shutter	Global Shutter
Beam Spot Detection Range	34.5 μ m~7.1mm
Max. Power Density (Damage Threshold)	50W/cm ² (with OD3.0 attenuation)
Max. energy density	1J/cm ² (with OD3.0 attenuation)
Max. power	1W
Attenuator	OD0.5/OD1/OD2/OD3 (340-1100nm)
Data interface	USB3.0
Calculating frame rate	5~10fps ^②
Trigger	Yes
Structure Type	Back interface, compatible with C-port thread
Dimension	See the outline
Operating Environment	Temperature: 0~35 $^{\circ}$ C ^③ , relative humidity<60%
Operational Conditions	Operating system: Windows 10/11, 64-bit, pre-installed MS Office or WPS. Hardware: $\geq$ 8G RAM, CPU I5 above ($\geq$ 2.5GHz, Core $\geq$ 4), recommended display resolution is 1920*1080.
Weight	< 500g

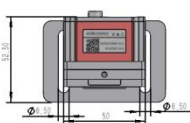
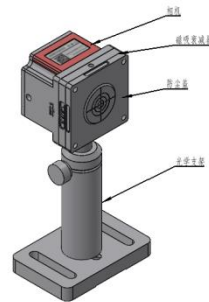
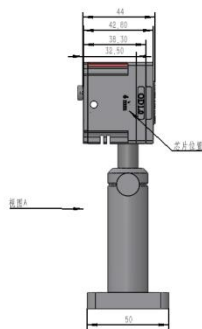
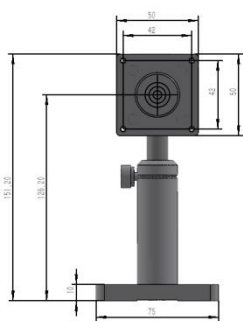
Attention:①The described parameter indicates the lowest effective response when the exposure time is set to 100 milliseconds.

②The parameter mentioned is the calculating frame rate at a resolution of 5,000,000 pixels.

③It is the working temperature, if it involves directivity test, the temperature should be controlled at 15-25 $^{\circ}$ C.



CD0307VIS-B



视图A

