



Features

- ◆ Spectral Detection Range: 340~1100nm
- ◆ Beam Spot Measurement Range: 64μm~15.8mm
- ◆ Maximum Power Handling: 1W
- ◆ PC Host Software, Large Beam Spot Detection via Image Stitching, and Multi-Spot Simultaneous Monitoring

Model	CN0615VIS-NIR-B
Detection Wavelength Range	340~1100nm, 1100~1350nm
Sensor Size	21.1*15.8mm
Resolution	3288*2470
Dynamic Range	68dB
Minimum Sinking Distance	7.6mm
Sensor Pixel Size	6.4μm
Exposure Time	0.05ms~500ms
Shutter	Global Shutter
Beam Spot Detection Range	64μm~15.8mm
Minimum Effective Response ^①	4.15μW/cm ² @1064nm; 0.0425μW/cm ² @633nm;
Maximum Power Density (Damage Threshold)	50W/cm ² (with OD3.0 attenuation)
Maximum Energy Density (Damage Threshold)	1J/cm ² (with OD3.0 attenuation)
Maximum Effective Range	10W/cm ²
Maximum Power	1W
Attenuator	OD1/OD2/OD3 (340-1100nm) OD1/OD2/OD3 (1100~1350nm)
Interface	USB3.0
Frame Rate (Processing)	2-5fps ^②
Trigger	Yes
Appearance	Back interface, compatible with C-port thread
Dimensions	See the outline
Operating Environment	Temperature<0~35℃ ^③ , relative humidity<60%
Operational Conditions	Software environment: Windows 10/11, 64 bit, pre installed with MS Office or WPS, Hardware configuration: ≥8GB memory, CPU clock speed ≥2.5G, core ≥4, recommended i5 or above equivalent models, optimal display resolution 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℃.



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