



Feature

- ◆ Spectral Detection Range: 1250~2100nm
- ◆ Beam Spot Measurement Range: 150μm~7.68mm
- ◆ Maximum Power Handling: 0.1W
- ◆ PC Host Software, Large Beam Spot Detection via Image Stitching, and Multi-Spot Simultaneous Monitoring

Model	CS1507NIR-B
Detection Wavelength Range	1250~2100nm
Sensor Size	8.4*7.68mm
Resolution	640*512
Sensor Pixel Size	15μm
Exposure Time	0.05ms~10ms
Beam Spot Detection Range	150μm~7.68mm
Maximum Power Density (Damage Threshold)	10W/cm ² (with OD3.0 attenuation)
Maximum Energy Density (Damage Threshold)	1J/cm ² (with OD3.0 attenuation)
Maximum Power	0.1W
Attenuator	OD0.5S2/OD1S2/OD2S2/OD3S2 (1250~2100nm)
Interface	USB3.0
Frame Rate (Processing)	≥20fps
External Trigger	Not supported
Structure Type	Rear interface, compatible with C-mount thread
Dimensions	See structural drawing
Operating Environment	Temperature<0~35°C ^① , 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: ①This refers to the operating temperature. For directivity testing, the temperature shall be controlled at 15~25 °C.



CS1507NIR-B

