

Beam Profiler



Features:

Spectral range: 900-2100nm

Beam diameter: 150 μ m~7.68mm

Maximum power to 1W

PC software

SPECIFICATIONS

Product Name	CS1507NIR-CB
Spectral Range	900~2100nm
Sensor Size	8.4*7.68mm
Pixel Size	15 μ m
	35dB
Exposure Time	0.05ms~5ms
Shutter Type	Global Shutter cMos
Beam Diameter	150 μ m~7.68mm
Maximum Power Density	50W/cm ² (OD3.0)
Maximum Energy Density	1J/cm ² (OD3.0)
Maximum Power	1W
Attenuator	long infrared band: OD0.5/OD1/OD2/OD (900-2100nm)
Communication Interface	USB 3.0
Full Resolution Frame Rate	20fps
External Triggering	Available
Dimensions	Reference structure diagram
Operating Environment	Temperature < 0~35 $^{\circ}$ C: Relative humidity < 60%; Pointing test temperature: 15-25 $^{\circ}$ C
Operating System	Windows 10/11, 64-bit, pre-installed MS Office or WPS Hardware configuration: \geq 8G memory, CPU frequency \geq 2.5G, core \geq 4, i5 and above are recommended, and the best display resolution is 1920*1080
Weight	< 500g
Warranty	1 year

Note: 1. This is the operating temperature, if it involves directivity test, the temperature should be controlled at 15-25 $^{\circ}$ C.

CS1507NIR-CB

