

Beam Profiler



Features:

Spectral range: 350-1750nm

Beam diameter: 50 μ m~5.1mm

Maximum power to 1W

PC software

SPECIFICATIONS

Product Name	CN0505VIS-NIR-B
Spectral Range	350-1100nm/1100-1750nm
Sensor Size	6.4*5.1mm
Pixel Size	5 μ m
Resolution	1280*1024
Dynamic Range	70dB
Exposure Time	0.05ms~500ms
Shutter Type	Global Shutter cMos
Beam Diameter	50 μ m~5.1mm (TEM00)
Maximum Power Density	10W/cm ² (OD3.5)
Maximum Energy Density	1J/cm ² (OD3.5)
Maximum Power	1W
Attenuator	general band: OD0.5/OD1/OD2/OD3 (350-1100nm) short infrared band: OD1/OD2/OD3 (1100-1750nm)
Communication Interface	GigE
External Triggering	Available
Dimensions	Reference structure diagram
Operating Environment	Temperature < 0~35°C ^① : Relative humidity < 60%; Pointing test temperature: 15-25°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°C.

2. The maximum test spot size of the TEM00 mode laser is 3.6mm

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