

Beam Profiler



Features:

- Spectral range: 900-1700nm
- Beam diameter: 50 μ m~2.6mm
- Maximum power to 50W
- PC software

SPECIFICATIONS

Product Name	CN0503NIR-M
Spectral Range	900~1100nm, 1100nm-1700nm
Sensor Size	3.3mm*2.6mm
Minimum Beam Diameter	50 μ m
Maximum Beam Diameter	2.6mm ^①
Maximum Acceptance Angle	Collimated: $\pm 2.5^\circ$ Focused: NA 0.08
Minimum power	1mW
Maximum Power	50W
Detection Time	50W/2 mins
Parfocal Tolerance	0.05mm
Defocusing Measurement Range	± 5 mm, calculated based on the parfocal distance of 95mm
Attenuator	short infrared band: OD1/OD2/OD3 (900-1700nm)
Communication Interface	USB3.0
External Triggering	Available
Operating Environment	Temperature < 15~25 $^\circ$ C; Relative humidity < 60%; Pointing test temperature: 15-25 $^\circ$ C
Operating System	Windows 10/11, Optimum resolution: 1920*1080
Weight	< 1Kg
Incoming Light Direction	Incoming light direction
Warranty	1 year

Note: 1. For the TEM00 mode beam, the center incidence and spot size are 1.7mm.

CN0503NIR-M

