

## Beam Profiler



### Features:

Spectral range: 340-1350nm

Beam diameter: 55 $\mu$ m~11.3mm

Maximum power to 50W

PC software

## SPECIFICATIONS

Product Name	CN0511NIR-M
Spectral Range	340-1100nm/1100nm-1350nm
Sensor Size	11.3*11.3mm
Minimum Beam Diameter	32 $\mu$ m
Maximum Beam Diameter	11mm <sup>①</sup>
Maximum Acceptance Angle	Collimated: $\pm 2.5^\circ$ Focused: NA 0.08
Minimum power	1mW
Maximum Power	50W
Maximum Energy Density	20J/cm <sup>2</sup>
Detection Time	50W/2 mins
Parfocal Tolerance	0.05mm
Attenuator	general band: OD1/OD2/OD3/OD4.5 (340-1100nm) short infrared band: OD1/OD2/OD3 (1100-1350nm)
Communication Interface	USB3.0
External Triggering	Available
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: $\geq 8$ G memory, CPU frequency $\geq 2.5$ G, core $\geq 4$ , i5 and above are recommended, and the best display resolution is 1920*1080
Weight	< 1Kg
Incoming Light Direction	Incoming light direction
Warranty	1 year

Note: 1. For the TEM00 mode beam, center incidence, the spot size is 7.3 mm.

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

CN0511NIR-M

