

Beam Profiler



Features:

- Spectral range: 340-1100nm
- Beam diameter: 32 μ m~9.8mm
- Maximum power to 100W
- PC software

SPECIFICATIONS:

Product Name	CN0310VIS-W1
Spectral Range	340-1100nm
Sensor Size	3.2 μ m
Maximum sensor area	13.1mm*9.8mm
Minimal Beam Size	32 μ m
Maximum Beam Size	9.8mm ^①
Maximum Acceptance Angle	$\pm 2.5^\circ$ @ Center incidence ± 0.05 mm
Minimal Power	0.1W@50 μ m
Maximum Power	100W, focused beam $\geq 32\mu$ m, CW
Parfocal Tolerance (mm)	± 0.5 mm
Defocusing Measurement Range	-10mm~+5mm, calculated based on the parfocal distance of 96mm
Detection Time	≤ 2 min@Wind cooling, CW@Water cooling
Attenuator	general band: OD1/OD2/OD3/OD4 (340-1100nm)
Communication Interface	USB3.0
External Triggering	Available
Cooled Method	Air cooled; Water cooled, flow 10L/min, water temperature 20~25 $^\circ$ C, 0.5~1kW cooling capacity, pressure 10~25m
Operating Environment	Temperature < 15~25 $^\circ$ C, Relative humidity < 60%
Operating System	Windows 10/11, 64-bit, pre-installed MS Office or WPS Hardware configuration: ≥ 8 G memory, CPU frequency ≥ 2.5 G, core ≥ 4 , i5 and above are recommended, and the best display resolution is 1920*1080
Weight	< 1.5kg
Incoming Light Direction	Vertical
Warranty	1 year

Note: 1, For the TEM00 mode beam, center incidence, the spot size is 6.5 mm.

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