

Beam Profiler



Features:

Spectral range: 190-1350nm

Beam diameter: 55μm~11.3mm

Maximum power to 1W

PC software

SPECIFICATIONS

Product Name	CN0511NIR-B
Spectral Range	190-340nm/340-1100nm/1100-1350nm
Sensor Size	11.3*11.3mm
Resolution	2048*2048
Dynamic Range	65dB
Minimum sinking distance	6mm
Pixel Size	5.5μm
Exposure Time	0.05ms~500ms
Shutter Type	Global Shutter cMos
Beam Diameter	55μm~11.3mm
Minimum Response Density	1.02mw/cm ² @266nm, 5ms
Maximum Power Density	50W/cm ² (OD3.0)
Maximum Energy Density	1J/cm ²
Maximum Power	1W
Attenuator	ultraviolet band: OD1/OD2/OD3 (190-340nm) general band: OD0.5/OD1/OD2/OD3 (340-1100nm) short infrared band:OD1/OD2/OD3 (1100-1350nm)
Communication Interface	USB3.0
Full Resolution Frame Rate	2-5fps ^①
External Triggering	Available
Dimensions	Reference structure diagram
Operating Environment	Temperature<0~35℃ ^② : Relative humidity<60%; Pointing test temperature: 15-25℃
Operating System	Windows 10/11, 64-bit, pre-installed MS Office or WPS Hardware configuration: ≥8G memory, CPU frequency ≥ 2.5G, core ≥ 4, i5 and above are recommended, and the best display resolution is 1920*1080
Weight	<500(g)
Warranty	1 year

Note: 1. This parameter refers to the frame rate at 5 million pixels.

2. This is the operating temperature, if it involves directivity test, the temperature should be controlled at

15-25° C.

CN0511UV-B

