



Beam Profiler



Features:

Spectral range: 190-1100nm

Beam diameter: 34.5 $\mu$ m~7.1mm

Maximum power to 1W

PC software

SPECIFICATIONS

Product Name	CN0310UV-B
Spectral Range (nm)	190-1100
Sensor Size (mm)	14.1*10.4
Resolution	4000*3000
Dynamic Range (dB)	70
Pixel Size ( $\mu$ m)	3.45
Exposure Time (ms)	0.05~500
Shutter Type	Global Shutter cMos
Beam Diameter	34.5 $\mu$ m~10.4mm
Maximum Power Density(W/cm <sup>2</sup> )	50 (OD3.0)
Maximum Energy Density (J/cm <sup>2</sup> )	1 (OD3.0)
Maximum Power (W)	1W
Attenuator	OD0.3~OD5 (optional)
Communication Interface	USB3.0
Full Resolution Frame Rate	5-10fps
External Triggering	Available
Dimensions	Reference structure diagram
Operating Environment	Temperature<0~35°C; Relative humidity<60%; Pointing test temperature: 15-25°C
Operating System	Windows 10/11, Optimum resolution: 1920*1080
Weight (g)	< 500
Warranty	1 year

CN0310UV-B