

### Beam Profiler



**Features:**

Spectral range: 190-1100nm

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

Maximum power to 1W

PC software

### SPECIFICATIONS

Product Name	CN0307UV-B
Spectral Range (nm)	190-1100/300~1100
Sensor Size (mm)	8.4*7.1
Resolution	2448*2048
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~7.1mm
Maximum Power Density (W/cm <sup>2</sup> )	50 (OD3.5)
Maximum Energy Density (J/cm <sup>2</sup> )	1J (OD3.0)
Maximum Power (W)	1
Attenuator	OD0.3~OD5 (optional)
Communication Interface	USB 3.0
Full Resolution Frame Rate	5-10fps@ 2048 *2048
External Triggering	Available
Dimensions	Reference structure diagram
Operating Environment	Temperature < 0~35 $^{\circ}$ C; Relative humidity < 60%; Pointing test temperature: 15-25 $^{\circ}$ C
Operating System	Windows 10/11, Optimum resolution: 1920*1080
Weight (g)	< 500
Warranty	1 year

### N0307U-Basic