

Beam Profiler



Features:

Spectral range: 340-1350nm

Beam diameter: 32 μ m~9.8mm

Maximum power to 1W

PC software

SPECIFICATIONS

Product Name	CN0310VIS-NIR-B
Spectral Range	340-1100nm/1100nm-1350nm
Sensor Size	13.1mm*9.8mm
Resolution	4096*3072
Dynamic Range	68dB
Pixel Size	3.2 μ m
Exposure Time	0.162ms~500ms
Shutter Type	Global Shutter cMos
Beam Diameter	32 μ m~9.8mm
Maximum Power Density	50W/cm ² (OD3.0)
Maximum Energy Density	1J/cm ²
Maximum Power	1W
Attenuator	general band: OD0.5/OD1/OD2/OD3 (340-1100nm) short infrared band: OD1/OD2/OD3 (1100-1350nm)
Communication Interface	USB 3.0
Full Resolution Frame Rate	20fps
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, 64-bit, pre-installed MS Office or WPS Hardware configuration: \geq 8G memory, CPU frequency \geq 2.5G, core \geq 4, i5 and above are recommended, and the best display resolution is 1920*1080
Weight	< 500g
Warranty	1 year

Note: 1. This is the operating temperature, if it involves directivity test, the temperature should be controlled at 15-25°C.

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