

## Beam Profiler



### Features:

Spectral range: 900-2100nm

Beam diameter: 150 $\mu$ m~15mm

Maximum power to 1W

PC software

## SPECIFICATIONS

|                            |   |
|----------------------------|---|
| Product Name               | CS1515NIR-CB  |
| Spectral Range             | 900~2100nm  |
| Sensor Size                | 19.2*15.36mm  |
| Pixel Size                 | 15 $\mu$ m  |
| Resolution                 | 1280*1024   |
| Dynamic Range              | 35dB  |
| Exposure Time              | 0.05ms~5ms  |
| Shutter Type               | Global Shutter cMos   |
| Beam Diameter              | 150 $\mu$ m~15mm  |
| Maximum Power Density      | 50W/cm <sup>2</sup> (OD3.0)   |
| Maximum Energy Density     | 1J/cm <sup>2</sup> (OD3.0)  |
| Maximum Power              | 1W  |
| Attenuator                 | long infrared band: OD0.5/OD1/OD2/OD (900-2100nm)   |
| Communication Interface    | GigE  |
| Full Resolution Frame Rate | 20fps   |
| 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, 64-bit, pre-installed MS Office or WPS<br>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 $^{\circ}$ C.

# CS1515NIR-CB

