

## Beam Profiler



### Features:

Spectral range: 340-1350nm

Beam diameter: 22 $\mu$ m~4.3mm

Maximum power to 1W

PC software

## SPECIFICATIONS

|                            |   |
|----------------------------|---|
| Product Name               | CN0204VIS-NIR-B   |
| Spectral Range             | 340-1100nm/1100nm-1350nm  |
| Sensor Size                | 5.7mm*4.3mm   |
| Resolution                 | 2592*1944   |
| Dynamic Range              | 60dB  |
| Pixel Size                 | 2.2 $\mu$ m   |
| Exposure Time              | 0.05ms~500ms  |
| Shutter Type               | Rolling Shutter   |
| Beam Diameter              | 22 $\mu$ m~4.3mm  |
| Maximum Power Density      | 50W/cm <sup>2</sup> ( OD3.5)  |
| Maximum Energy Density     | 1J/cm <sup>2</sup>  |
| Maximum Power              | 1W  |
| Attenuator                 | general band: OD0.5/OD1/OD2/OD3 (340-1100nm)<br>short infrared band: OD1/OD2/OD3 (1100-1350nm)  |
| Communication Interface    | USB 3.0   |
| Full Resolution Frame Rate | 5-10fps <sup>①</sup>  |
| External Triggering        | Not available   |
| Dimensions                 | Reference structure diagram   |
| Operating Environment      | Temperature < 0~35 $^{\circ}$ C <sup>②</sup> : 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 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 $^{\circ}$ C.

# CN0204VIS-NIR-B

