



Feature

- ◆ X-Axis Maximum Travel: 13 mm
- ◆ Spectral Detection Range: 190~340nm
- ◆ Beam Spot Measurement Range: 35μm~7.1mm
- ◆ Maximum Power Handling: 10 W
- ◆ Exposure Control: Manual/Auto Real-Time Exposure & Gain Adjustment

Model	CN0307VIS-M
Spectral Range	190~340nm
Sensor size	8.4mm*7.1mm
Min. beam diameter	35μm
Max. beam diameter	7.1mm ^①
Max. receiving angle	Collimated Light: ±2.5° Converge Light: NA0.08
Min. Power	1mW
Max. Power	10W
Max. energy density	20J/cm ²
Operation time	2minutes@10W
Parfocal Tolerance	0.05mm
Defocus Range	±5 mm, Based on the parfocal distance of 95 mm for calculation.
Laser incident direction	Vertical orientation, customizable to requirements
Attenuator	OD0/OD0.5/OD1/OD2/OD3 (190-340nm)
Interface	USB3.0
External Trigger	Supported
Operating Environment	Temperature: 0~35°C ^② , Relative humidity < 60%
Operational Conditions	Operating system: Windows 10/11, 64-bit, pre-installed MS Office or WPS. Hardware: ≥8G RAM, CPU I5 or above (≥2.5GHz, Core ≥4), recommended display resolution is 1920*1080.
Weight	< 1Kg

Attention: ① For TEM00 mode beam, the center incidence has a spot size of 4.7mm.

② This is the operating temperature range. For directional stability tests (e.g., beam pointing verification), the ambient temperature must be controlled within 15~25°C.



CN0307UV-M

