



Feature

- ◆ Spectral Detection Range: 400-800nm
- ◆ Achievable minimal focal spot: 5μm
- ◆ Detection resolution threshold: 0.5μm
- ◆ Maximum Power Measurement: 1W
- ◆ Magnification: 10x

Model	CN0205UV-XU
Detection Wavelength	400-800nm
Beam Spot Detection Range	5μm~0.5mm
Camera Effective Area	φ5mm
Magnification	10x
Resolution	0.5μm
Exposure Time	0.05ms~500ms
Maximum Power	1W @ minimum spot size
Minimum Sensitivity	0.717μW/cm ² ①
Built-in Attenuation	OD0/OD1/OD2/OD3/OD4
Interface	GigE
Processing Frame Rate	5-10fps②
External Trigger	Not supported
Dimensions	Refer to mechanical drawing
Beam Input Orientation	Vertical/Horizontal
Defocus Range	-1mm , +1.3mm
Operating Environment	Temperature<0~35℃③, relative humidity<60%
Operational Conditions	Software environment: Windows 10/11, 64 bit, pre installed with MS Office or WPS, Hardware configuration: ≥8GB memory, CPU clock speed ≥2.5G, core ≥4, recommended i5 or above equivalent models, optimal display resolution 1920 * 1080
Weight	< 1.5Kg

Attention: ① This represents the camera response under the parameters of a 633 nm wavelength and 100 ms exposure time.

②Frame rate specification applies under 5-megapixel imaging conditions.

③Operating temperature range. For directional measurements, maintain ambient temperature at 15-25℃.



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