



Feature

- ◆ Spectral Detection Range: 400~800nm
- ◆ Achievable minimal focal spot: 1μm
- ◆ Detection resolution threshold: 0.1μm
- ◆ Maximum Power Measurement: 0.5W
- ◆ Magnification: 50x

Model	CN0310VIS-XVW5
Detection Wavelength	400-800nm
Beam Spot Detection Range	1μm~0.1mm
Camera Effective Area	φ5mm
Magnification	50x
Resolution	0.1μm
Exposure Time	0.05ms~500ms
Maximum Power	0.5W@最小焦点
Lowest Effective Response	0.136μW/cm ² ①
Built-in Attenuation	OD0/OD1/OD2/OD3/OD4
Interface	USB3.0
Processing Frame Rate	5-10fps②
External Trigger	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 The described parameter indicates the camera's response when the exposure time is set to 100 milliseconds@633nm.

②The parameter mentioned is the frame rate at a resolution of 5,000,000 pixels.

③This is the working temperature, if it involves directivity test, the temperature should be controlled at 15-25° C.

[illegible]