



Feature

- ◆ Spectral Detection Range: 900~1100nm
- ◆ Achievable minimal focal spot: 5μm
- ◆ Detection resolution threshold: 0.5μm
- ◆ Maximum Power Measurement: 10W
- ◆ Magnification: 10x

Model	CN0310NIR-XN
Detection Wavelength	900~1100nm
Beam Spot Detection Range	5μm~0.5mm
Camera Effective Area	φ5mm
Magnification	10x
Resolution	0.5μm
Exposure Time	0.05ms~500ms
Maximum Power	10 W@ min. focus spot
Lowest Effective Response	0.83μW/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°C③, 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@1064nm.

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.



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