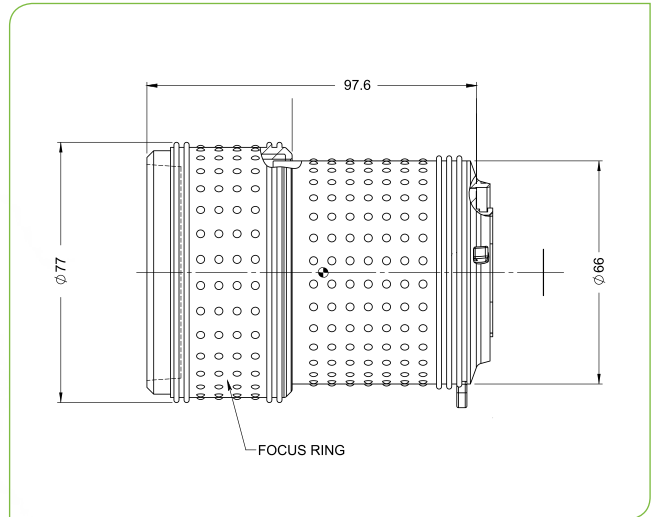


SupIR 100mm f/1.6, Manual Focus 680121

TYPICAL ICD*

LWIR | 1-FOV

HD
FORMAT



| HFOV | 320x240 | 384x288 | 640x480 | 1024x768 | 1280x1024 |
|------|---------|---------|---------|----------|-----------|
| 17μ | 3.1° | 3.7° | 6.2° | 9.8° | |
| 12μ | 2.2° | 2.6° | 4.4° | 7.0° | 8.7° |

| Property | Value | | | | |
|-------------------------------|-------------------------|-------------------|--------------|---------------|----------------|
| Optical | | | | | |
| Focal Length | 100mm | | | | |
| F# | 1.6 | | | | |
| Average transmission (8-12μm) | 88% (HC) | | | | |
| Back Focal Length | 21.33mm in air | | | | |
| Mechanical | | | | | |
| Focus Mechanism | Manually adjustable | | | | |
| Depth of Field | 400m to infinity | | | | |
| Focus Range | 3m to infinity | | | | |
| Weight | 373gr | | | | |
| Max. Dimensions | Ø77mm x 97.6mm | | | | |
| Environmental | | | | | |
| Operation Temperature | -40°C to +80°C | | | | |
| Storage Temperature | -55°C to +85°C | | | | |
| Sealing | IP67 front element only | | | | |
| Configurations | Weight (gr) | Dimensions | BWD** | Thread | Coating |
| 680121-004 | 373 | Ø77mm x 97.6mm | 15 | Bayonet | HC |

* The ICD drawing provided here is primarily a representation and may not accurately reflect the product's actual dimensions and specifications. For precise integration specifications contact your local sales representative.

** The BWD value is calculated for a unique detector setup with varying sealing windows in terms of thickness and material. For more details, contact your local sales representative.