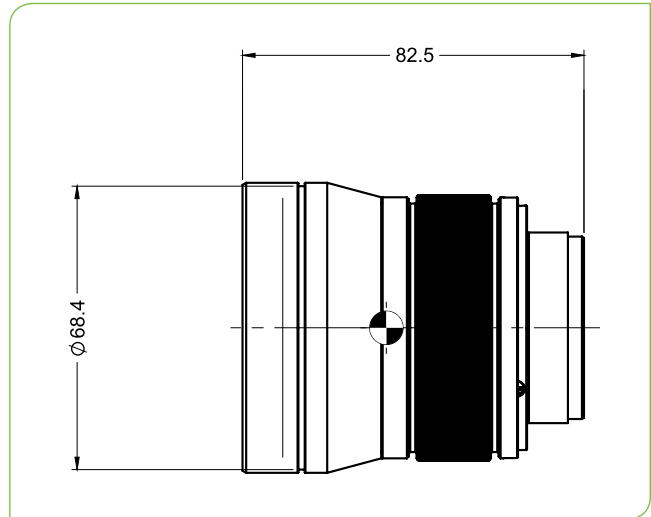


SupIR 75mm f/1.2, Manual Focus 680318

TYPICAL ICD*



HD
FORMAT



LWIR | 1-FOV

| HFOV | 320x240 | 384x288 | 640x480 | 1024x768 |
|------|---------|---------|---------|----------|
| 25μ | 6.1° | 7.3° | | |
| 17μ | 4.1° | 4.9° | 8.2° | |
| 12μ | 2.9° | 3.5° | 5.8° | 9.3° |

| Property | Value | | | | |
|-------------------------------|--------------------------|-------------------|--------------|---------------|----------------|
| Optical | | | | | |
| Focal Length | 75mm | | | | |
| F# | 1.2 | | | | |
| Average transmission (8-12μm) | 86% (HC) | | | | |
| Back Focal Length | 14.33mm in air | | | | |
| Mechanical | | | | | |
| Focus Mechanism | Manual | | | | |
| Depth of Field | 400m to infinity | | | | |
| Focus Range | 5m to infinity | | | | |
| Weight | 271gr | | | | |
| Max. Dimensions | Ø68.4mm x 82.5mm | | | | |
| Environmental | | | | | |
| Operation Temperature | -30°C to +70°C | | | | |
| Storage Temperature | -40°C to +85°C | | | | |
| Sealing | IP 67 front element only | | | | |
| Configurations | Weight (gr) | Dimensions | BWD** | Thread | Coating |
| 680318-001 | 271 | Ø68.4mm x 82.5mm | 9.63 | M46x0.5 | 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.