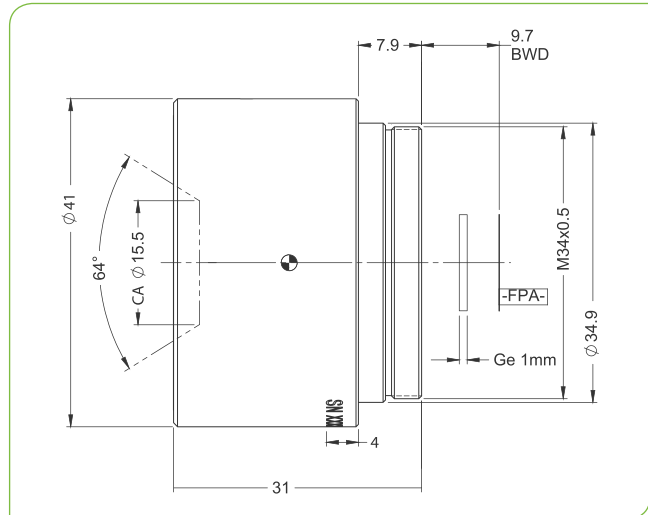


SupIR 11mm f/1.05, Athermalized Manual Focus 680021

TYPICAL ICD*



LWIR | 1-FOV

	320x240	384x288	640x480
HFOV			
25μ	41.4°	50.1°	
17μ	27.9°	33.6°	57.3°
12μ	19.6°	23.6°	39.7°

Property	Value
Optical	
Focal Length	11mm
F#	1.05
Average transmission (8-12μm)	91% (HD) / 88% (HC)
Back Focal Length	12.48mm in air
Mechanical	
Focus Mechanism	Manual
Depth of Field	2.4m to infinity
Focus Range	0.2m to infinity
Weight	84gr
Max. Dimensions	Ø41.0mm x 31mm
Environmental	
Operation Temperature	-40°C to +80°C
Storage Temperature	-50°C to +110°C
Sealing	IP 68 front element only
Configurations	Weight (gr) Dimensions BWD** Thread Coating
680021-004	87 Ø38.1mm x 37mm 18.36 1.3125-32 UNS HD, MWIR filter coating
680021-006	
680021-007	84 Ø41.0mm x 31mm 9.7 M34x0.5 HC
680021-009	
	HD

* 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.