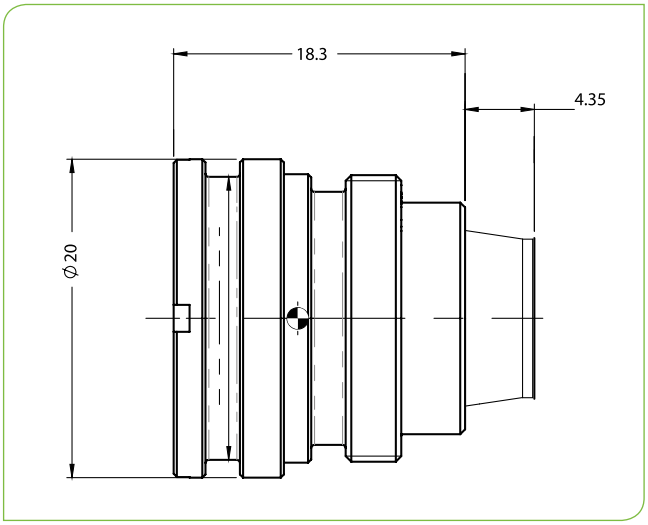
SupIR 9.2mm f/1.0, Fixed Athermalized
680407



Ge FREE

TYPICAL ICD*



HFOV	320x240	384x288	640x480	672x544
17µ	34.6°	41.9°		
12µ	24.2°	29.1°	50.0°	52.8°
10µ	20.1°	24.2°	41.0°	43.2°

Property	Value
Optical	
Focal Length	9.2mm
F#	1.0
Average transmission (8-12µm)	92% (HD) / 84% (HC)
Back Focal Length	6.85mm in air
Mechanical	
Focus Mechanism	Fixed
Depth of Field	4m to infinity
Focus Range	0.5m to infinity
Weight	see configurations table below
Max. Dimensions	see configurations table below
Environmental	
Operation Temperature	-40°C to +80°C
Storage Temperature	-55°C to +85°C
Sealing	IP 67 front element only

Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating
680407-001	12.8	Ø20.0mm x 18.3mm	4.35	M18x0.5	HD
680407-002					HC
680407-003	13.4	Ø19.95mm x 14.4mm	6.93	M19x0.5	HD
680407-004					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.