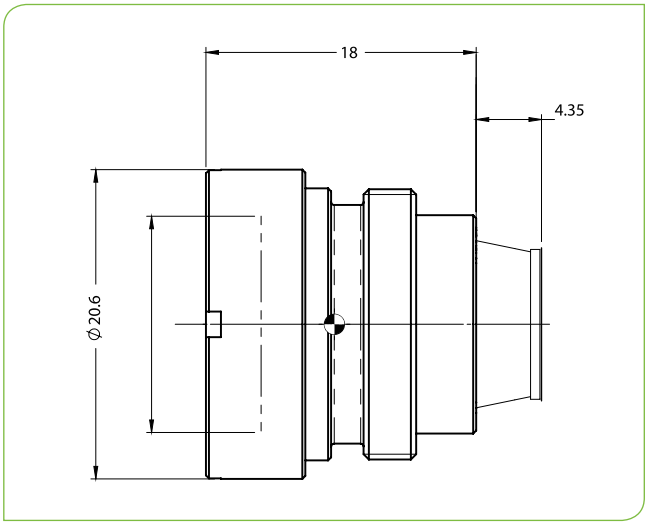
SupIR 13.6mm f/1.0, Fixed Athermalized
680412



Ge FREE

TYPICAL ICD*



HFOV	320x240	384x288	640x480
17µ	22.8°	27.3°	
12µ	16.2°	19.3°	32.0°
10µ	13.5°	16.2°	26.8°

Property	Value
Optical	
Focal Length	13.6mm
F#	1.0
Average transmission (8-12µm)	91% (HD) / 88% (LRHC)
Back Focal Length	4.8mm in air
Mechanical	
Focus Mechanism	Fixed
Depth of Field	9m to infinity
Focus Range	1m to infinity
Weight	12.7gr
Max. Dimensions	Ø20.6mm x 18mm
Environmental	
Operation Temperature	-40°C to +80°C
Storage Temperature	-50°C to +85°C
Sealing	IP 67 front element only

Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating
680412-003	12.7	Ø20.6mm x 18mm	4.35	M18x0.5	HD
680412-004					LRHC***

* 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.

*** For detailed LRHC coating specifications see page 16