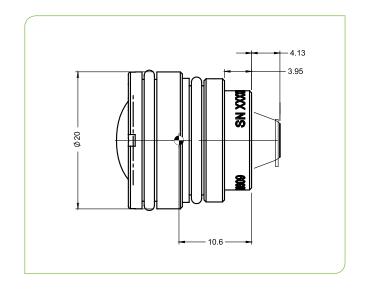
## SupIR 2.3mm f/1.0, Fixed Athermalized 680309





HFOV	320x240		
12µ	91.9°		
10µ	76.2°		

Property			Value	Value			
Optical							
Focal Length			2.3mm	2.3mm			
F#			1.0	1.0			
Average transmission (8-12µm)			93% (HD)	93% (HD) / 90% (HC)			
Back Focal Length			5.23mm ir	5.23mm in air			
Mechanical							
Focus Mechanism			Fixed	Fixed			
Depth of Field			0.5m to in	0.5m to infinity			
Focus Range		0.1m to in	0.1m to infinity				
Weight			13.2gr	13.2gr			
Max. Dimensions			Ø20mm x	Ø20mm x 19.74mm			
Environmental							
Operation Temperature			-40°C to +	-40°C to +80°C			
Storage Temperature		-54°C to +	-54°C to +85°C				
Sealing		IP 67 front	IP 67 front element only				
Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating		
680309-001	— 13.2	Ø20.0mm x 19.74mm	4.13	M18x0.5	HD		
680309-002					HC		

<sup>\*\*</sup> 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.



<sup>\*</sup> 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.