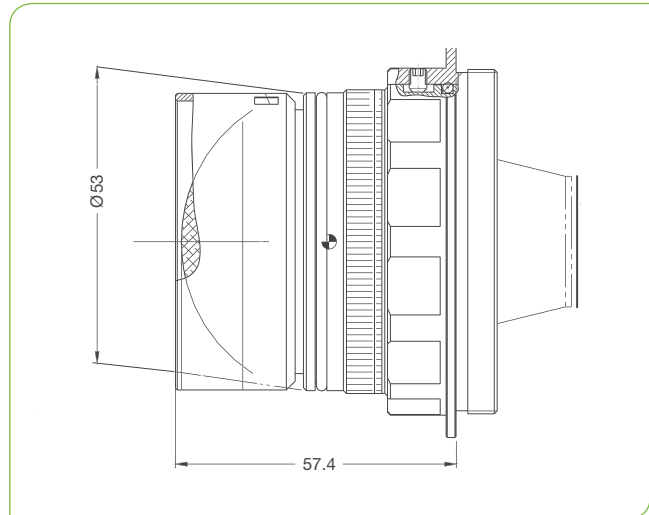


SupIR 50mm f/1.2, Manual Athermalized 680193

TYPICAL ICD*



HD
FORMAT



LWIR | 1-FOV

HFOV	320x240	384x288	640x480	1024x768
17μ	6.2°	7.48°	12.4°	19.8°
12μ	4.4°	5.3°	8.8°	14.0°

Property			Value		
Optical					
Focal Length			50mm		
F#			1.2		
Average transmission (8-12μm)			92% (HD) / 85% (HC)		
Back Focal Length			29.75mm in air		
Mechanical					
Focus Mechanism			Fixed		
Depth of Field			150m to infinity		
Focus Range			3m to infinity		
Weight			216gr		
Max. Dimensions			Ø53mm x 57.4mm		
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
680193-001	216	Ø53mm x 57.4mm	13.65	2 5/16"-36 UNS	HD
680193-002					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.