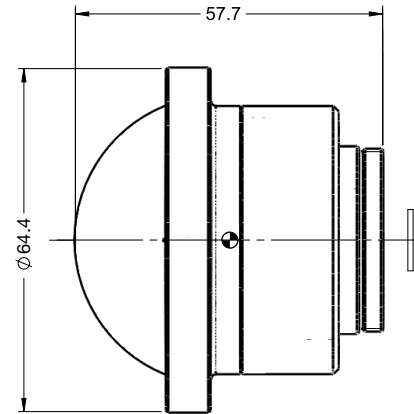


SupIR 4.2mm f/1.4, Fixed Athermalized 680240

TYPICAL ICD*



HD
FORMAT



HFOV***	320x240	384x288	640x480	1024x768
17μ	74.3°	89.2°	148.9°	180°
12μ	52.5°	62.9°	104.8°	168.5°

LWIR | 1-FOV

Property			Value		
Optical					
Focal Length			4.2mm		
F#			1.4		
Average transmission (8-12μm)			94% (HD)		
Back Focal Length			12.44mm in air		
Mechanical					
Focus Mechanism			Fixed		
Depth of Field			1m to infinity		
Focus Range			0.1m to infinity		
Weight			see configurations table below		
Max. Dimensions			see configurations table below		
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
680240-001	271	Ø64.4mm x 61.2mm	24.2	1.825-32 UNS	HD
680240-002					HC
680240-003	243	Ø64.4mm x 57.7mm	9.7	M34x0.5	HD
680240-004					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.

*** Image circle is Ø13.06mm in diameter