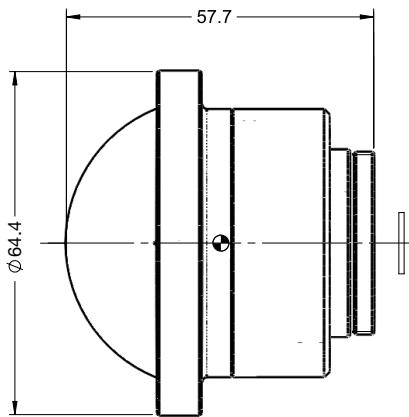


SupIR 4.2mm f/1.4, Fixed Athermalized 680240



HD
FORMAT

TYPICAL ICD*



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

Property

Value

Optical

Focal Length	4.2mm
F#	1.4
Average transmission (8-12 μ m)	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