

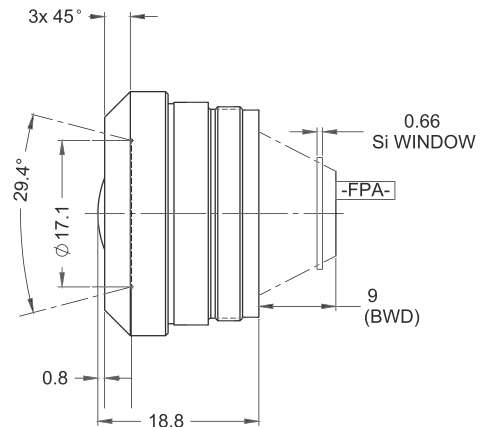
SuplR 19mm f/1.1, Fixed Athermalized 65221

TYPICAL ICD*

LWIR | 1-FOV



HD
FORMAT



HFOV	320x240	384x288	640x480	1024x768
17μ	16.1°	19.3°	32.1°	
12μ	11.4°	13.7°	22.7°	36.3°

Property			Value		
Optical					
Focal Length			19mm		
F#			1.1		
Average transmission (8-12μm)			94% (HD) / 88% (HC)		
Back Focal Length			11.51mm in air		
Mechanical					
Focus Mechanism			Fixed		
Depth of Field			12.5m to infinity		
Focus Range			0.6m to infinity		
Weight			see configuration table below		
Max. Dimensions			see configuration table below		
Environmental					
Operation Temperature			-40°C to +80°C		
Storage Temperature			-57°C to +105°C		
Sealing			IP67 front element sealing (conf. 08 and 09)		
Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating
65221-02	19.8	Ø29.4mm x 18.8mm	9	M25x0.5	HD
65221-03					HC
65221-08	20	Ø25.12mm x 18.8mm	9.7	M24x0.5	HD
65221-09					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.