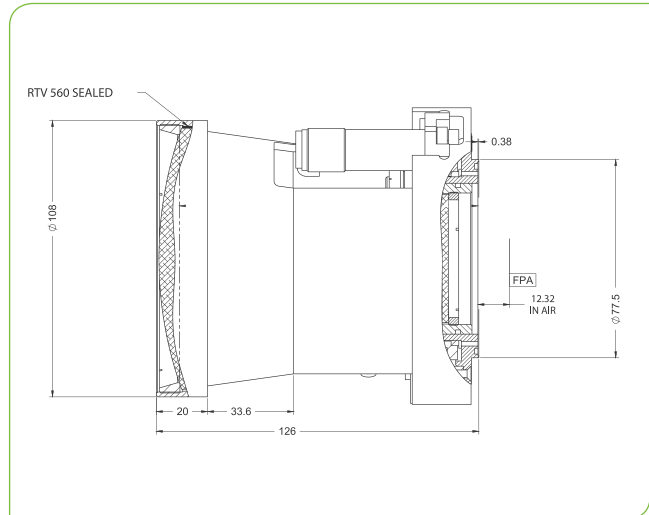


# SupIR 100mm f/1.0, Motorized Focus 65095

TYPICAL ICD\*



**HD**  
FORMAT



HFOV	320x240	384x288	640x480	1024x768
17μ	3.1°	3.7°	6.2°	9.9°
12μ	2.2°	2.6°	4.4°	7.0°

Property			Value		
Optical					
Focal Length			100mm		
F#			1.0		
Average transmission (8-12μm)			87% (HC)		
Back Focal Length			24mm in air		
Mechanical					
Focus Mechanism			Motorized		
Depth of Field			800m to infinity		
Focus Range			15m to infinity		
Weight			1.1kg		
Max. Dimensions			Ø108mm x 126mm		
Electrical					
Drive Voltage			6VDC		
Current Consumption			0.3A average, 0.5A peak		
Environmental					
Operation Temperature			-30°C to +65°C		
Storage Temperature			-40°C to +70°C		
Sealing			IP67 front element only		
Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating
65095-01	1100	Ø108mm x 126mm	12.32	12x #2-56 UNC	HC w/o encoder
65095-04					HC with encoder

\* 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.