SupIR 15-300mm f/4.0, Motorized Continuous Zoom 680084 / 680204



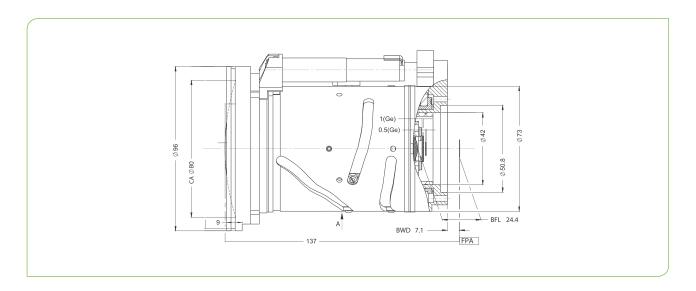
WFOV (15mm)

	HFOV	640x512	1280X1024
	15µ	35.1°	
	10µ	-	44.9°

NFOV (300mm)

HFOV	640x512	1280X1024
15µ	1.8°	
10µ	-	2.4°

Property		Value			
Optical		WFOV	NFOV		
Focal Length		15mm	300mm		
F/#		4.0			
Average Transmission (3.4-5.0µ	m)	94% (HD) / 92% (HC)			
Minimum Focus Range		5m	50m		
	Cold stop to FPA distance	19.4mm			
680084	Cold stop CA	Ø4.85mm			
	BFL	23.3mm in air			
	Cold stop to FPA distance	20.5mm			
680204	Cold stop CA	Ø5.1mm			
	BFL	26.2mm in air			
Nuc (by defocus)		Yes			
Mechanical					
Focus Mechanism		Motorized			
Focus Time (minimum range to	∞)	≤1 sec.			
Zoom Mechanism		Motorized			
Zoom Time (NFOV to WFOV)		≤8 sec. at -32°C; ≤5 sec. at T≥ 20°C (at max. speed)			
Through zoom boresight		Within a radius of 0.25mm at the focal plane			
Weight		965gr			
Max. Dimensions		Ø96mm x 130mm			
Electrical					
Lens Control		Designated lens controller			
Supply Voltage		12V			



Property				Value		
Electrical						
Current Consumption				0.5A average, 1.0A peak at T= - 32°C; 0.2A average, 1.0A peak at T≥ 20°C		
Communication Protocol			RS422	RS422		
Environmental						
Operating Temperature				-32°C to + 80°C		
Storage Temperature				-54°C to + 85°C		
Sealing	-			IP 67 front element only		
Configurations	Description	FPA	Pixel Pitch	CSH	Coating	
680084-001	- - - 15-300mm -	640x512	20μ		High Durability	
680084-002				– 19.4mm	Hard Carbon	
680084-003			15μ	- 19.411111	High Durability	
680084-004					Hard Carbon	
680204-001			15µ	20.5mm	High Durability	
680204-002				20.511111	Hard Carbon	
680204-011	- - - 15-300mm -	1280x1024	10μ	20.5mm	High Durability	
680204-012					Low Reflection Hard Carbon**	
680204-014					High Efficiency	
680204-017					High Durability Hydrophobic	
680204-018					Hard Carbon Hydrophobic	
680204-019	-				Low Reflection Hard Carbon Hydrophobic	

^{*} NOTE: 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.

 $^{^{\}star\star}$ For detailed LRHC coating specifications see page 13

