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



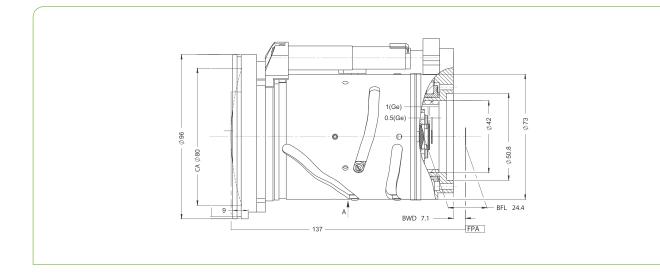
WFOV (15mm)					
HFOV	640x512	1280X1024			
15µ	35.1°				
10µ	-	44.9°			

NFOV (300mm)

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

Property		Value			
Optical		WFOV	NFOV		
Focal Length		15mm	300mm		
F/#		4.0			
Average Transmission (3.4-5.0µm)		94% (HD) / 92% (HC)			
Minimum Focus Range		5m 50m			
680084	Cold stop to FPA distance	19.4mm			
	Cold stop CA	Ø4.85mm			
	BFL	23.3mm in air			
680204	Cold stop to FPA distance	20.5mm			
	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			Valu	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		RS42	R\$422			
Environmental						
Operating Temperature		-32°0	-32°C to + 80°C			
Storage Temperature	iorage 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		High Durability	
680084-004					Hard Carbon	
680204-001			15µ	00 5	High Durability	
680204-002				20.5mm	Hard Carbon	
680204-011	 15-300mm 	1280x1024	10µ		High Durability	
680204-012					Low Reflection Hard Carbon**	
680204-014				00 5	High Efficiency	
680204-017				20.5mm	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.

 ** For detailed LRHC coating specifications see page 13

