SupIR 80-1200mm f/5.5 Motorized Continuous Zoom 680478

NEW



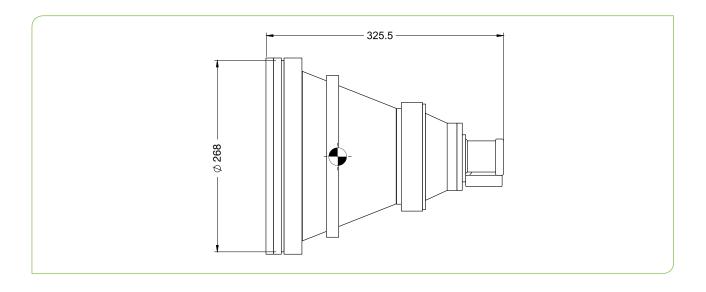
WFOV (80mm)

HFOV	640x512
15µ	7.1°

NFOV (1200mm)

HFOV	640x512
15µ	0.5°

Property	Value		
Optical	WFOV	NFOV	
Focal Length	80	1200	
F#	5.5	5.5	
Average transmission (3.4-5.0µm)	≥80% (LRHC) / ≥85%	≥80% (LRHC) / ≥85% (HD)	
Cold stop to FPA Distance	19.7mm	19.7mm	
Cold Stop CA	Ø3.52mm	Ø3.52mm	
Back Focal Length	23.52mm in air		
Minimum Focusing Range	5m	220m	
Nuc (by defocus)	Yes		
Mechanical			
Focus Mechanism	Motorized		
Focus Time (minimum range to ∞)	≤8 sec.	≤8 sec.	
Zoom mechanism	Motorized	Motorized	
Zoom Time (NFOV to WFOV)	≤ 5 sec	≤ 5 sec	
Max. Dimensions	Ø268mm x 325.5mm	Ø268mm x 325.5mm	
Weight	7.4kg	7.4kg	



Property	Value
Electrical	
Lens Control	Designated lens controller
Drive Voltage	12V
Current Consumption	0.5A average, 1.0A peak at T= -32°C; 0.2A average, 1.0A peak at T ≥ 20°C
Communication Protocol	RS458, RS422
Environmental	
Operation Temperature	-32°C to +70°C
Storage Temperature	-54°C to +85°C
Sealing	IP67 front element only
Configurations	
680478-001	High Durability
680478-002	Low Reflection Hard Carbon**

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



^{*} 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.