

SupIR 50-700mm f/5.5, Motorized Continuous Zoom 680472



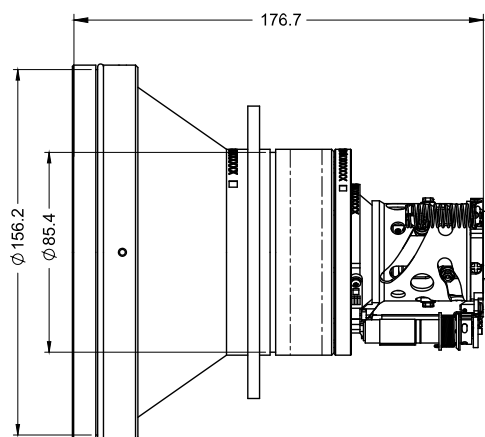
WFOV(50mm)

HFOV	640x512
15μ	10.9°

NFOV(700mm)

HFOV	640x512
15μ	0.8°

Property	Value	
Optical	WFOV	NFOV
Focal Length	50mm	700mm
F/#	5.5	
Average Transmission (3.7-4.7μm)	>80% (HC)	
Cold Stop to FPA Distance	19.7mm	
Cold Stop CA	Ø3.52mm	
Back Focal Length	23.52 mm in air	
Minimum Focus Range	1m	33m
Nuc (by defocus)	Yes	
Mechanical		
Focus Mechanism	Motorized	
Focus Time (minimum range to ∞)	≤8 sec.	
Zoom Mechanism	Motorized	
Zoom Time (NFOV to WFOV)	≤5 sec.	
Weight	1.64 kg	
Max. Dimensions	Ø156.2 x 176.7mm	



Property	Value
Electrical	
Lens Control	Designated Lens Controller
Supply 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	RS485, RS422
Environmental	
Operating Temperature	-32°C to + 70°C
Storage Temperature	-40°C to + 80°C
Sealing	IP67 front element only
Configurations	
680472-001	HD
680472-002	LRHC**

* 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.