

SupIR 16-80mm f/1.2, Motorized Continuous Zoom 680531

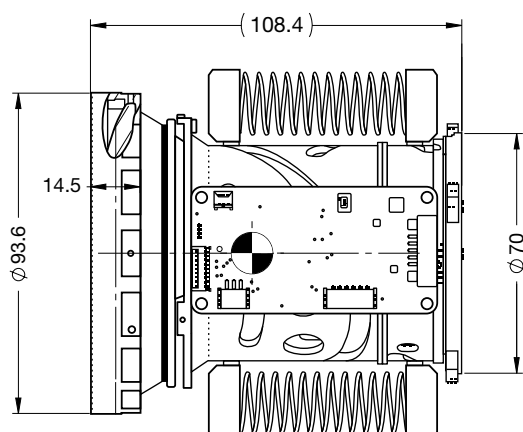
NEW



WFOV(16mm)	
HFOV	1280x1024
12μ	54°
10μ	45°

NFOV(80mm)	
HFOV	1280x1024
12μ	10.6°
10μ	9°

Property	Value	
Optical	WFOV	NFOV
Focal Length	16mm	80mm
F#	1.2	
Average transmission (8-12μm)	87% (HD) / 83% (HC)	
Back Focal Length	19mm in air	
Minimum Focus Range	2m	20m
Nuc (by defocus)	Yes	
Mechanical		
Focus Mechanism	Motorized. Adjustable	
Focus Time (minimum range to ∞)	≤1 sec.	
Zoom Mechanism	Motorized	
Zoom Time (NFOV to WFOV)	≤5 sec.	
Weight	705gr	
Max. Dimensions	Ø93.6mm x 108.4mm	



Property		Value			
Electrical					
Lens Control		Designated lens controller			
Drive Voltage		12VDC			
Communication Protocol		RS485, RS232			
Environmental					
Operation Temperature		-32°C to +70°C			
Storage Temperature		-40°C to +80°C			
Sealing		IP 67 front element only			
Configurations	Weight (gr)	Dimensions	BWD**	Interface	Coating
680531-001	705gr	Ø93.6mm x 108.4mm	8	4xM3x0.5	HD
680531-002					HC

* 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.