

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

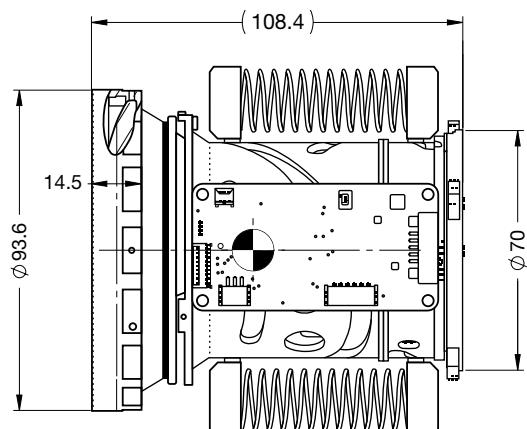
NEW



WFOV(16mm)	
HFOV	1280x1024
12 $\mu$	54°
10 $\mu$	45°

NFOV(80mm)	
HFOV	1280x1024
12 $\mu$	10.6°
10 $\mu$	9°

Property	Value	
Optical	WFOV	NFOV
Focal Length	16mm	80mm
F#	1.2	
Average transmission (8-12 $\mu$ m)	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 $\infty$ )	$\leq$ 1 sec.	
Zoom Mechanism	Motorized	
Zoom Time (NFOV to WFOV)	$\leq$ 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.