

# SupIR-X 15-300mm f/4.0, Motorized Continuous Zoom 680519

NEW

FULL  
HD



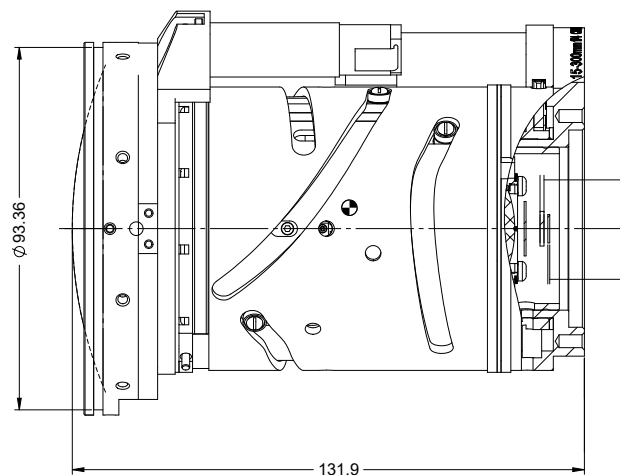
## WFOV (15mm)

HFOV	640x512	1280x720	1280x1024
15μ	36.3°		
10μ		45.0°	47.8°

## NFOV (300mm)

HFOV	640x512	1280x720	1280x1024
15μ	1.8°		
10μ		2.4°	2.4°

Property	Value	
Optical	WFOV	NFOV
Focal Length	15mm	300mm
F#	4.0	
Average Transmission (3.6-4.9μm)	92% (HD)	
Minimum Focusing Range	5m	50m
Cold stop to FPA Distance	19.4mm-20.5mm	
Cold Shield Height (CSH)	CSH 19.4	CSH 20.5
Cold Stop CA	4.9mm	5.126mm
Back Focal Length (BFL)	28.4mm in air	28.2mm in air
Back Working Distance (BWD)	10.5	10.3
NUC	By integrated shutter or defocus	
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)	
Weight	1003gr	
Max. Dimensions	Ø93.36mm x 131.9mm	



Property	Value
<b>Electrical</b>	
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	RS422
<b>Environmental</b>	
Operation Temperature	-32°C to +80°C
Storage Temperature	-54°C to +85°C
Sealing	IP67 front lens only
<b>Configurations</b>	
680519-001	HD
680519-002	HC

\* 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.