

SupIR 18-225mm f/4, Motorized Continuous Zoom 680473



HD
FORMAT

WFOV (18mm)

HFOV	640x512	1280x720	1280x1024
15 μ	29.9°		
10 μ	20.2°	39.1°	39.1°

NFOV (225mm)

HFOV	640x512	1280x720	1280x1024
15 μ	2.4°		
10 μ	1.6°	3.3°	3.3°

Property

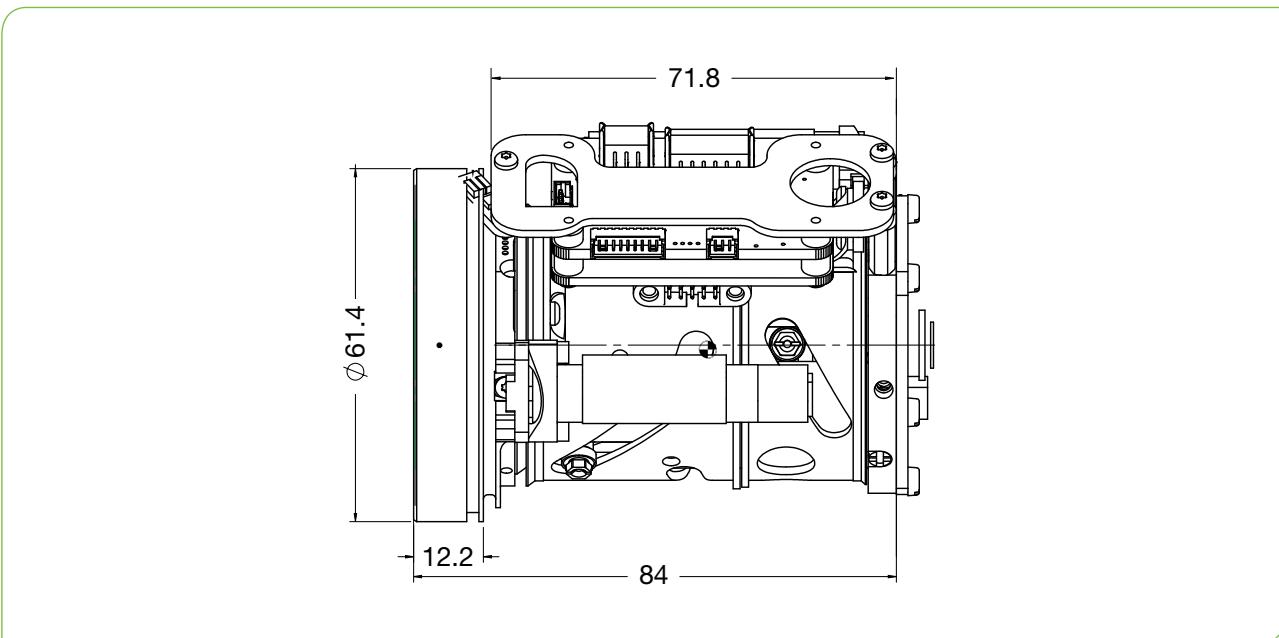
Value

Optical

	WFOV	NFOV
Focal Length	18mm	225mm
Average transmission (3.4-4.9 μ m)	$\geq 80\%$ (HCLR) / $\geq 87\%$ (HD)	
Cold stop to FPA Distance	19.4mm	
Cold Stop CA	$\varnothing 4.88$ mm (for 19.2-20.5mm CSH)	
Back Focal Length	26.9mm in air (with 1+0.5mm Ge windows)	
Minimum Focusing Range	5m	50m
Nuc (by defocus)	Yes	

Mechanical

Focus Mechanism	Motorized. Adjustable
Focus Time (minimum range to ∞)	<2 sec.
Zoom Time (NFOV to WFOV)	<5 sec.
Max. Dimensions	$\varnothing 61.4 \times 84$ mm
Weight	324gr



Property	Value
Electrical	
Lens Control	Designated lens controller
Supply Voltage	12V
Current Consumption	< 0.5A average, 1.0A peak
Communication Protocol	RS422
Environmental	
Operation Temperature	-32°C to +80°C
Storage Temperature	-54°C to +85°C
Sealing	IP67 front element only
Configurations	
680473-001	HD
680473-002	LRHC**
680473-003	HD, shutter for 19.4mm CSH
680473-004	LRHC**, shutter for 19.4mm CSH

* 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