

SWIR & NIR 25-250mm f/5.5 (NFOV) f/4.0 (WFOV), Motorized Continuous Zoom 680471

NEW

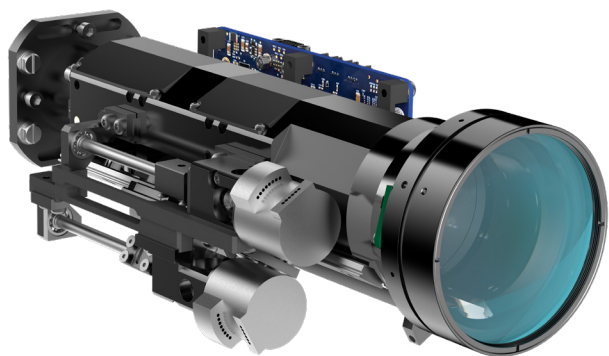
HD
FORMAT

WFOV (25mm)

HFOV	640x512	1280x1024
15μ	21.7°	
10μ	14.6°	28.7°
5μ	7.3°	14.6°

NFOV (250mm)

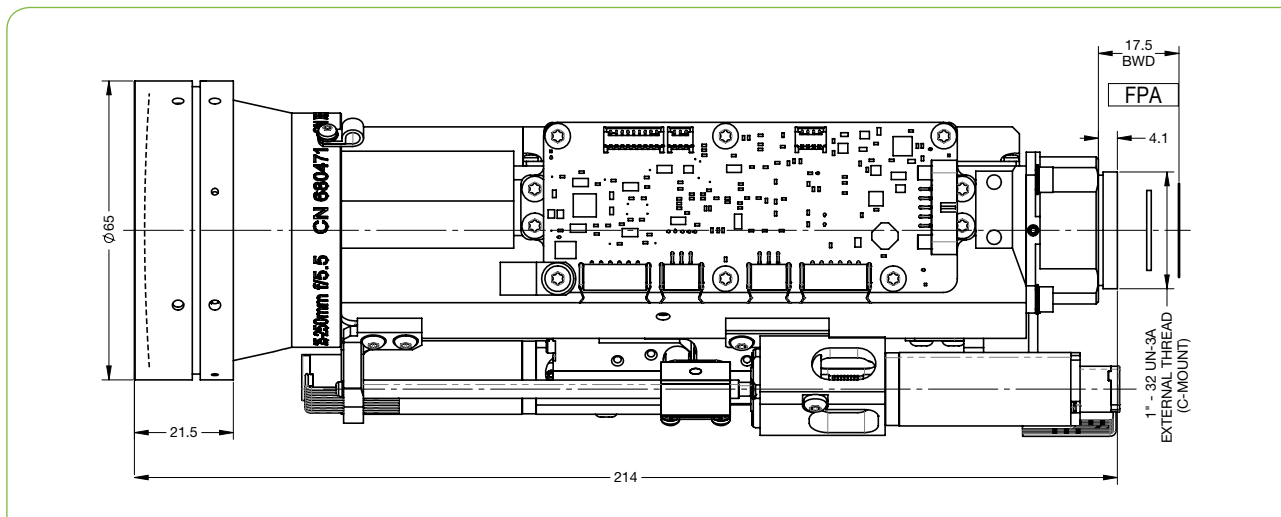
HFOV	640x512	1280x1024
15μ	2.2°	
10μ	1.5°	2.9°
5μ	0.7°	1.5°



Property

Value

Optical	WFOV	NFOV
Focal Length	25mm	250mm
F#	4.0	5.5
Average transmission (0.7-1.7μm / 1.1-1.7μm)	85%	
Back Focal Length	34.47mm in air (±0.1)	
Minimum Focusing Range	2m	20m
Mechanical		
Focus Mechanism	Motorized. Adjustable	
Focus Time (minimum range to ∞)	≤1sec.	
Zoom Time (NFOV to WFOV)	≤5sec.	
Max. Dimensions	Ø65mm x 214mm	
Weight	840gr	



SWIR | ZOOM

Property	Value
Electrical	
Lens Control	Designated lens controller
Supply Voltage	12V
Current Consumption	<0.5A (max)
Communication Protocol	RS422
Environmental	
Operation Temperature	-32°C to +75°C
Storage Temperature	-40°C to +80°C
Sealing	IP67 front element only
Configurations	
680471-002	NIR & SWIR band 0.7-1.7µm
680471-003	SWIR band 1.1-1.7µm

* 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.