

FoldIR 40-450mm f/3.6, Motorized Continuous Zoom 680533*



WFOV (40mm)

HFOV	640x512
10 μ	8.9°

NFOV (450mm)

HFOV	640x512
10 μ	0.85°

Property

Value

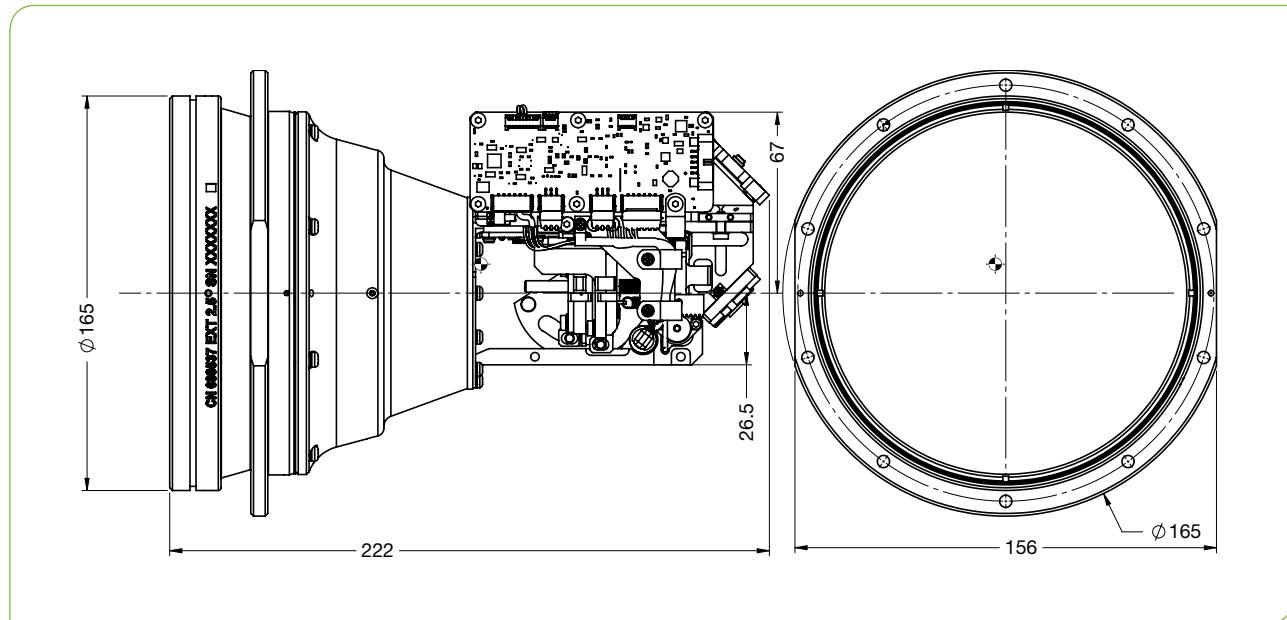
Optical

	WFOV	NFOV
Focal Length	40mm	450mm
F#	3.6	
Average transmission (3.4-4.2 μ m)	80% (HD) / 76% (HC)	
Cold stop to FPA Distance	12mm	
Cold Stop CA	3.37mm	
Minimum Focusing Range	50m	5m
NUC	Mechanical shutter	

Mechanical

Focus Mechanism	Motorized
Focus Time (minimum range to ∞)	\leq 5.5 sec.
Zoom mechanism	Motorized
Zoom Time (NFOV to WFOV)	\leq 1 sec
Max. Dimensions	\varnothing 165 x length 222mm
Weight	1.85kg

* Requires export license



Property	Value
Electrical	
Lens Control	Designated lens controller
Drive Voltage	12VDC
Current Consumption	< 0.5A average, 1.0A peak
Communication Protocol	RS422
Environmental	
Operation Temperature	-32°C to +75°C
Storage Temperature	-54°C to +85°C
Sealing	IP67 front lens only
Configurations	
680533-001	HD
680533-002	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.