

FoldIR 30-450mm f/3.4, Motorized Continuous Zoom 680465*



HD
FORMAT

WFOV (30mm)

HFOV	640x512	1280x720	1280x1024
15 μ	19.3°		
10 μ	12.5°	26.9°	26.9°

NFOV (450mm)

HFOV	640x512	1280x720	1280x1024
15 μ	1.3°		
10 μ	0.8°	1.7°	1.7°

Property

Value

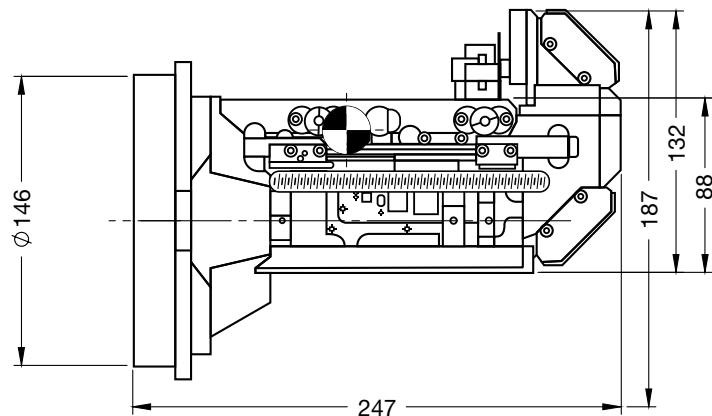
Optical

	WFOV	NFOV
Focal Length	30mm	450mm
F#	3.4	
Average transmission (3.4-4.2 μ m)	80% (HC)	
Cold stop to FPA Distance	19.4mm	
Cold Stop CA	\varnothing 5.7mm	
Minimum Focusing Range	20m	50m
Nuc	By integrated shutter or defocus	

Mechanical

Focus Mechanism	Motorized
Focus Time (minimum range to ∞)	<1sec.
Zoom Time (NFOV to WFOV)	<5sec.
Max. Dimensions	\varnothing 146mm x 247mm
Weight	2kg

* Requires export license



Property	Value
Electrical	
Lens Control	Designated lens controller
Supply Voltage	12V
Current Consumption	0.5A average, 1.0A peak
Communication Protocol	RS422, RS232
Environmental	
Operation Temperature	-20°C to +55°C
Storage Temperature	-40°C to +70°C
Sealing	IP67 front element only
Configurations	
680465-001	HD
680465-002	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.