

# LightIR 10-135mm f/3.6, Motorized Continuous Zoom 680451



## WFOV (10mm)

HFOV	640x512
10 $\mu$	37.0°

## NFOV (135mm)

HFOV	640x512
10 $\mu$	2.67°

## Property

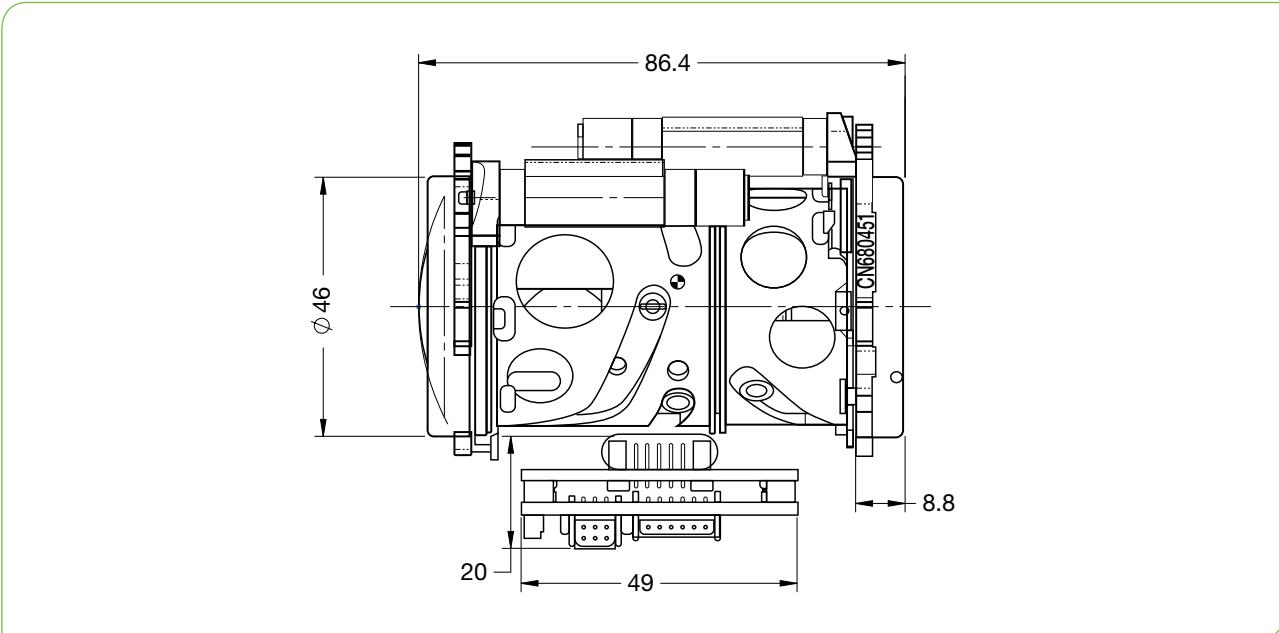
## Value

### Optical

	WFOV	NFOV
Focal Length	10mm	135mm
F#	3.6	
Average transmission (3.4-4.2 $\mu$ m)	>87% (HD) / $\geq$ 80% (HC)	
Cold stop to FPA Distance	12mm	
Cold stop CA	$\varnothing$ 3.37mm	
Back Focal Length	$\geq$ 17mm in air	
Minimum Focusing Range	5m	50m
Nuc (by defocus)	Blur to 7mm diameter	

### Mechanical

Focus Mechanism	Motorized. Adjustable
Focus Time (minimum range to $\infty$ )	<1 sec.
Zoom Time (NFOV to WFOV)	<4 sec.
Max. Dimensions	$\varnothing$ 46x86.4mm
Weight	250gr



Property	Value
<b>Electrical</b>	
Lens Control	Designated lens controller
Drive Voltage	12V
Current Consumption	< 0.5A average, 1.0A peak
Communication Protocol	RS422
<b>Environmental</b>	
Operation Temperature	-32°C to +75°C
Storage Temperature	-54°C to +85°C
Sealing	IP67 front lens only
<b>Configurations</b>	
680451-001	HD
680451-002	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.