

SupIR 25-150mm f/1.4, Motorized Continuous Zoom 680119



**HD
FORMAT**

WFOV(25mm)

HFOV	320x240	640x480	1024x768	1280x1024
17 μ	12.5°	25.3°	41.5°	
12 μ	8.8°	17.7°	28.7°	36.3°

NFOV(150mm)

HFOV	320x240	640x480	1024x768	1280x1024
17 μ	2.1°	4.1°	6.6°	
12 μ	1.5°	2.9°	4.6°	5.8°

Property

Value

Optical

Focal Length

WFOV

NFOV

25mm

150mm

F#

1.4

Average transmission (8-12 μ m)

88% (HD) / 82% (HC)

Back Focal Length

\geq 28mm in air

Minimum Focus Range

1.2m

45m

Nuc (by defocus)

Yes

Mechanical

Focus Mechanism

Motorized

Focus Time (minimum range to ∞)

\leq 8 sec.

Zoom Mechanism

Motorized

Zoom Time (NFOV to WFOV)

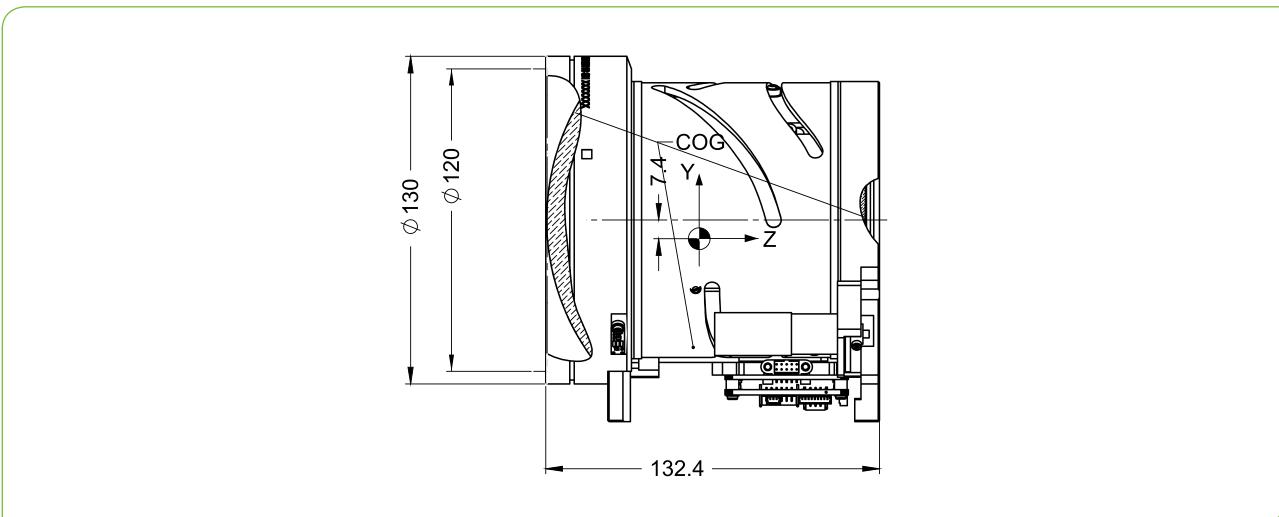
\leq 8 sec.

Weight

1.9kg

Max. Dimensions

\varnothing 130mm x 132.4mm



Property	Value				
Electrical					
Lens Control	Designated lens controller				
Supply Voltage	12V				
Current Consumption	0.3A average, 0.8A peak				
Communication Protocol	RS422				
Environmental					
Operation Temperature	-32°C to +80°C				
Storage Temperature	-54°C to +85°C				
Sealing	IP 67 front element only				
Configurations	Weight (gr)	Dimensions	BWD**	Interface	Coating
680119-003	1920	Ø130mm x 132.4mm	24.5	6x #2-56 UNC	HD
680119-004					HC

* 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.

** The BWD value is calculated for a unique detector setup with varying sealing windows in terms of thickness and material. For more details, contact your local sales representative.