

SupIR 40-300mm f/1.5, Motorized Continuous Zoom 680264



HD
FORMAT

WFOV(40mm)

HFOV	320x240	640x480	1024x768	1280x1024
17 μ	8.3°	16.6°	26.8°	
12 μ	5.8°	11.7°	18.8°	23.5°

NFOV(300mm)

HFOV	320x240	640x480	1024x768	1280x1024
17 μ	1.0°	2.1°	3.3°	
12 μ	0.7°	1.5°	2.3°	2.9°

Property

Value

Optical

Focal Length

WFOV

NFOV

40mm

300mm

F#

1.5

Average transmission (8-12 μ m)

88% (HD) / 84% (LRHC)

Back Focal Length

Minimum 56mm in air

Minimum Focus Range

2m

10m

Nuc (by defocus)

Yes

Mechanical

Focus Mechanism

Motorized

Focus Time (minimum range to ∞)

\leq 1 sec.

Zoom Mechanism

Motorized

Zoom Time (NFOV to WFOV)

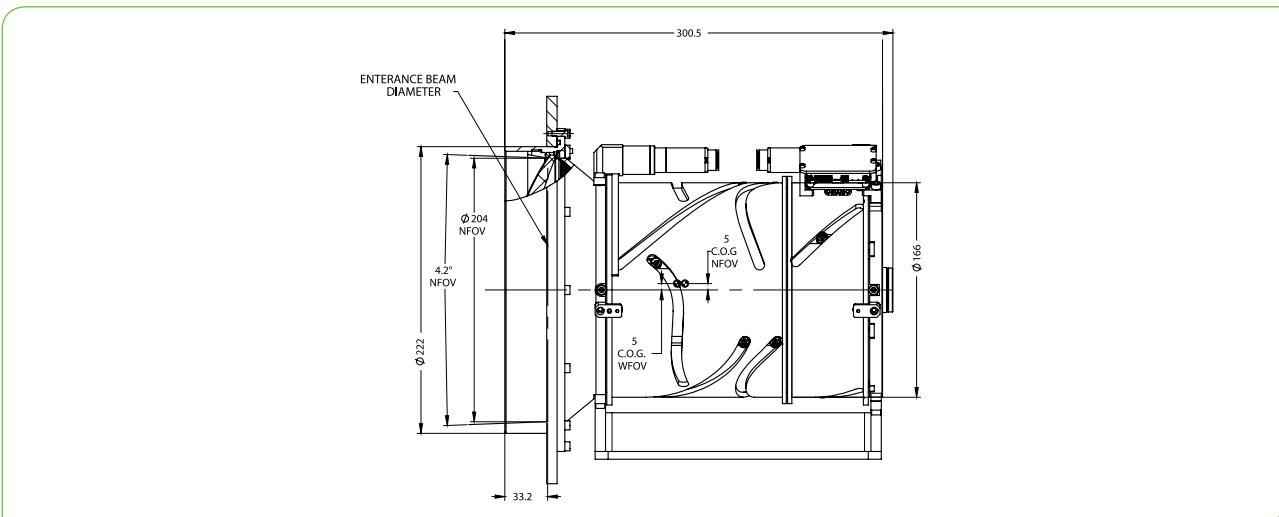
\leq 9 sec. at -32°C; \leq 6 sec. at T \geq 0°C

Weight

9.5kg

Max. Dimensions

Ø222mm x 300.5mm



Property	Value				
Electrical					
Lens Control	Designated lens controller				
Supply Voltage	12V				
Current Consumption	< 0.8A average, 1.5A peak				
Communication Protocol	RS422				
Environmental					
Operation Temperature	-32°C to +75°C				
Storage Temperature	-54°C to +85°C				
Sealing	IP 67 front element only				
Configurations	Weight (gr)	Dimensions	BWD**	Interface	Coating
680264-003					HD
680264-004	9500	Ø222mm x 300.5mm	9.7	M34x0.5 (via adapter)	LRHC
680264-005					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.