

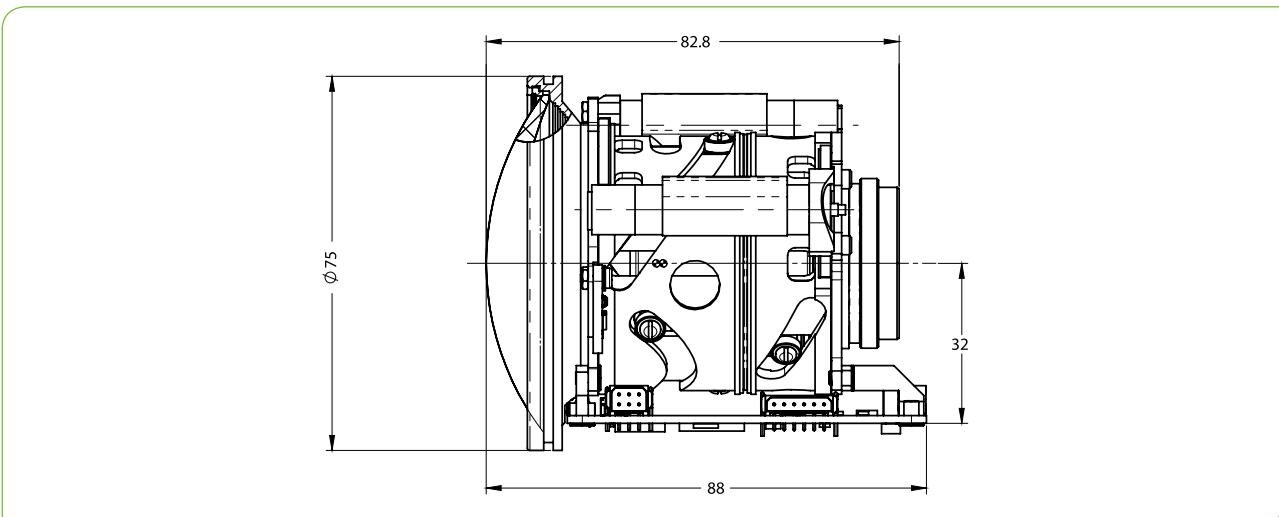
# SupIR 15-75mm f/1.2, Motorized Continuous Zoom 680386



WFOV(15mm)		
HFOV	320x240	640x480
17µ	20.9°	43.4°
12µ	14.7°	29.9°
10µ		24.8°

NFOV(75mm)		
HFOV	320x240	640x480
17µ	4.1°	8.2°
12µ	2.9°	5.8°
10µ		4.9°

Property	Value
<b>Optical</b>	
Focal Length	15mm
F#	1.2
Average transmission (8-12µm)	90% (HD); 84% (HC)
Back Focal Length	20.3mm in air
Minimum Focus Range	7m
Nuc (by defocus)	Yes
<b>Mechanical</b>	
Focus Mechanism	Motorized
Focus Time (minimum range to ∞)	≤1 sec.
Zoom Mechanism	Motorized
Zoom Time (NFOV to WFOV)	≤5.5 sec.
Weight	see configuration table below
Max. Dimensions	see configuration table below
<b>Electrical</b>	
Lens Control	Designated lens controller
Supply Voltage	12V
Current Consumption	<0.15A average, 0.3A peak
Communication Protocol	RS485, RS422, RS232



Property	Value				
Environmental					
Operation Temperature	-32°C to +70°C				
Storage Temperature	-40°C to +80°C				
Sealing	IP 67 front element only				
Configurations	Weight (gr)	Dimensions	BWD**	Interface	Coating
680386-001					HD
680386-002					HC
680386-009	335	Ø75mm x 82.8mm	6	M34x0.5	HD Hydrophobic
680386-010					HC Hydrophobic
680386-003					HD
680386-004					HC
680386-011	328	Ø75mm x 79.1mm	9.7	M34x0.5	HD Hydrophobic
680386-012					HC Hydrophobic
680386-005					HC
680386-006					HD
680386-013	325	Ø75mm x 72.2mm	16.55	4x M2, 2.5deep	HC Hydrophobic
680386-014					HD Hydrophobic

\* 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.

\*\*\* Adapters for different cameras are available upon request