

# FoldIR 28-850mm f/5.5, Motorized Continuous Zoom 680072\*



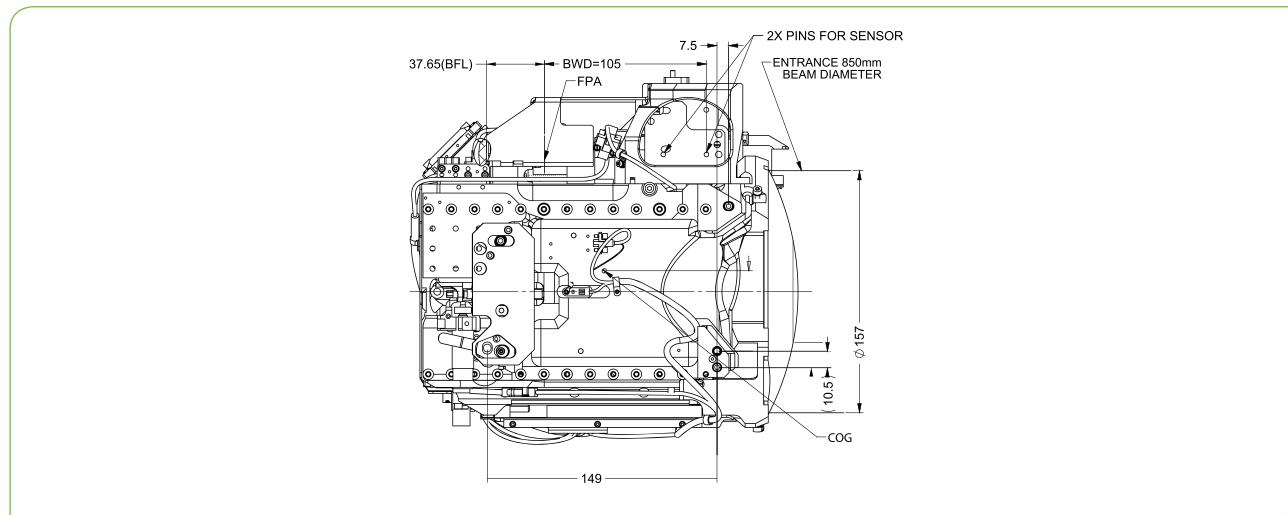
**HD  
FORMAT**

WFOV(28mm)		
HFOV	640x512	1280x1024
15 $\mu$	19.8°	39.8°

NFOV(850mm)		
HFOV	640x512	1280x1024
15 $\mu$	0.6°	1.3°

Property	Value	
<b>Optical</b>	<b>WFOV</b>	<b>NFOV</b>
Focal Length	28mm	850mm
F/#	5.5	
Average Transmission (3.4-5 $\mu$ m)	76% (HD)	
Cold Stop to FPA Distance	28mm	
Cold Stop Ca	Ø5.09mm	
Back Focal Length	≥37.6mm in air	
Minimum Focus Range	3m	50m
Nuc (by defocus)	Yes	
<b>Mechanical</b>		
Focus Mechanism	Motorized	
Focus Time (minimum range to $\infty$ )	≤8 sec.	
Zoom Mechanism	Motorized	
Zoom Time (NFOV to WFOV)	≤8 sec.	
Weight	4.6kg	
Max. Dimensions	Length 256mm; Width 176mm; Height 257.5mm	

\* Requires export license



Property	Value
<b>Electrical</b>	
Lens Control	Designated lens controller
Supply Voltage	28VDC
Current Consumption	1.25A average, 2.5A peak
Communication Protocol	RS422
<b>Environmental</b>	
Operating Temperature	-20°C to + 65°C
Storage Temperature	-54°C to + 71°C
Sealing	Unsealed
<b>Configurations</b>	
680072-010	HD 640X512 15u pitch, CSH = 28mm, Landscape
680072-011	HD 640X512 15u pitch, CSH = 28mm, Portrait
680072-012	HD 1280X1024 15u pitch, CSH = 28mm, Landscape
680072-013	HD 1280X1024 15u pitch, CSH = 28mm, Portrait
680072-014	HD 640X512 15u pitch, CSH = 28mm, Landscape
680072-015	HD 1280X1024 15u pitch, CSH = 28mm, Landscape

\* 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.