LightIR 20-275mm f/5.5, Motorized Continuous Zoom 680314



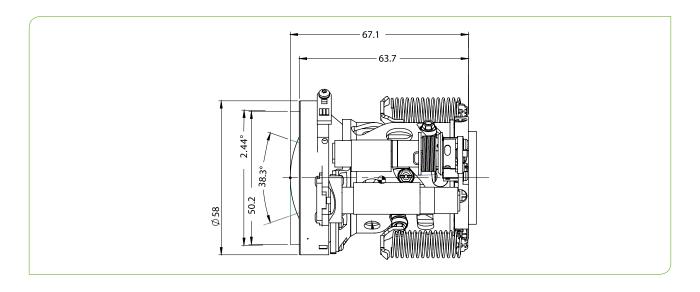
WFOV(20mm)

HFOV	640x512
15µ	28.0°

NFOV(275mm)

HFOV	640x512
15µ	1.9°

Property	Value	Value	
Optical	WFOV	NFOV	
Focal Length	20mm	275mm	
F/#	5.5	5.5	
Cold Stop to FPA Distance	19.7mm	19.7mm	
Cold Stop CA	Ø3.52mm	Ø3.52mm	
Average Transmission (3.4-5µm)	≥92 (HD) / 87% (LRH	≥92 (HD) / 87% (LRHC)	
Back Focal Length	23.52mm in air	23.52mm in air	
Minimum Focus Range	5m	50m	
Nuc (by defocus)	Yes	Yes	
Mechanical			
Focus Mechanism	Motorized	Motorized	
Focus Time (minimum range to ∞)	≤8 sec.	≤8 sec.	
Zoom Mechanism	Motorized	Motorized	
Zoom Time (NFOV to WFOV)	≤5 sec.	≤5 sec.	
Through-zoom boresight	Within a radius of 0.1	Within a radius of 0.15mm at the focal plane	
Weight	264gr	264gr	
Max. Dimensions	Ø58mm x 67.1mm	Ø58mm x 67.1mm	



Value	
Designated lens controller	
12V	
0.2A average, 1.0A peak	
RS485, RS422	
-35°C to + 65°C	
-40°C to + 80 °C	
IP 67 front element only	
High Durability	
Low Reflection Hard Carbon**	
HD with folded control card	

 $^{^{\}star\star}$ For detailed LRHC coating specifications see page 13



^{*} 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.