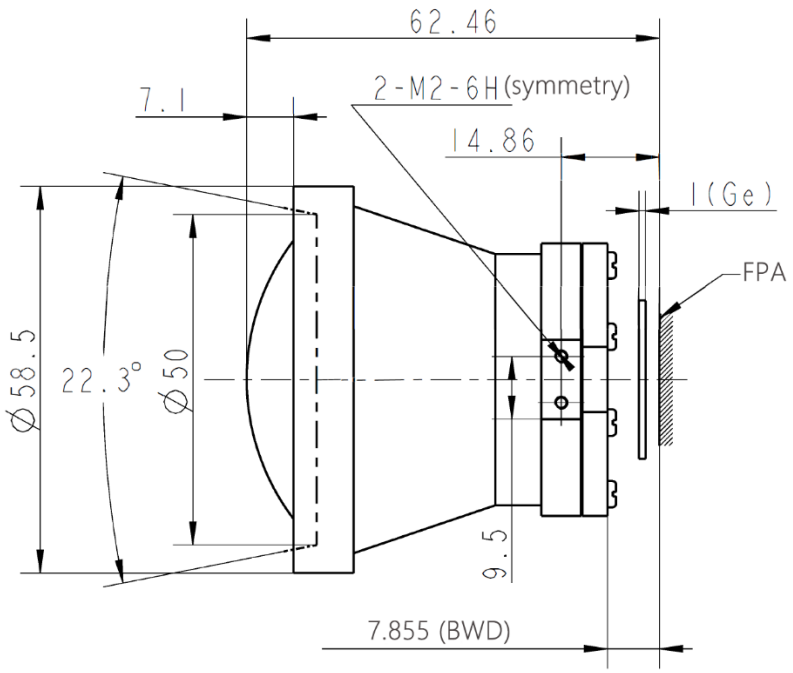
CZ1280-L-50-1,0-A

50mm f/1.0 Optical Athermalized Infrared Lens



HFOV	160x120	320x240	336x256	384x288	640x480	640x512	1024x768	1280x1024
17μm	3.1°	6.2°	6.5°	7.5°	12.4°	12.4°		
12μm	2.2°	4.4°	4.6°	5.3°	8.8°	8.8°	14.0°	17.5°

Optical

Focal Length	50mm
F/#	1.0
Wavelength	8-12μm
Focus Range	45m-Infinity

Mechanical

Interface	Thread
Focus Mechanism	Fixed Athermalized
Dimensions (mm)	Ø58.5x54.605
Weight	≤182g

Environmental

Sealing	IP67
Operating Temperature	-40°C to +60°C
Storage Temperature	-45°C to +65°C
External Coating	AR