

9.1mm Athermalized Fixed Longwave Infrared Camera Lens

ZV-LAF09W62-M34



Feature

- **Germanium-Free LWIR Lens**

Export-control free. No supply chain restrictions for global deployment.

- **Athermalized Performance**

Stable imaging from -40°C to +80°C without refocusing. Ideal for harsh environments.

- **High Sensitivity**

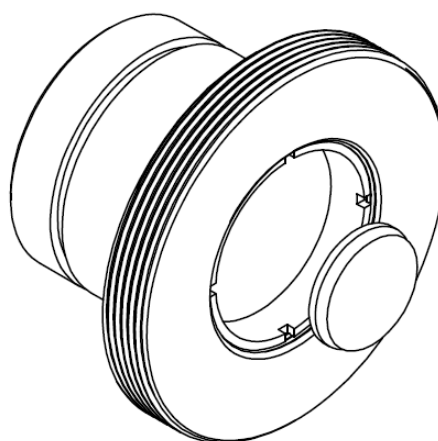
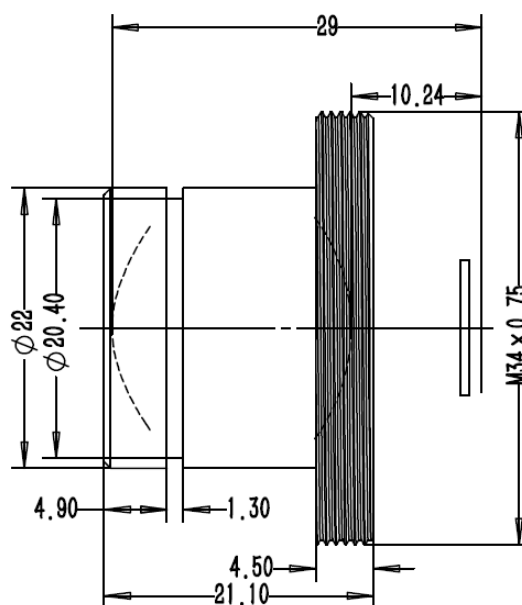
9.1mm, F/1.0 aperture with $\geq 89\%$ transmission (8 ~ 12 μm). Superior low-contrast detection in total darkness, fog, or smoke.

- **Compact & Rugged**

20g, $\Phi 34 \times 21.1\text{mm}$. IP67 sealed. Compatible with 640x512/12 μm sensors.

Dimension

Unit: mm



**Reliable. Unrestricted. Ready for
global defence, surveillance, and
industrial IR systems.**

Specifications

Lens	
Type	Athermalized Fixed Lens
Focal Length	9.1mm
Aperture Range	F1.0
FOV	50.8° × 41.6° (640 × 512/12μm)
Focusing Range	1M ~ ∞
Sealing	IP67 (front of lens)
Coating	AR
Spectral Band	8 ~ 12μm
Transmission	≥89% @ 8 ~ 12μm
M.B.F.L	8.5mm
General	
Operating Conditions	-40°C ~ 80°C
Dimensions	Φ34 * 21.1mm
Weight	20g