

## 75mm/F1.0 Mechanical Athermalized Lenses for LWIR

### Thermal Cameras

It is a mechanical athermalized lens module, with 75mm focal length and f number of 1.0 and compact in size.



### SPECIFICATIONS

Optical Parameters	
EFL	75mm
f Number (f#)	1.0
Wavelength range	8~12micro
Focusing range	$\infty \sim 5M$
FOV	8.3°x6.2°
Coating	DLC and AR
Average transmission	80%
Working temperature	-40°C ~ +60°C
MTF at Axis	>0.55@20lp/mm
MTF at Maxium FOV	>0.45@20lp/mm

Mechanical Parameters	
Mechanical Connection	M34x0.5
Focus Mechanism	Athermalized
Flange Back Distance	17.5mm

