

Infrared Lens

Description

Daheng OTF designs and manufactures Infrared lens, mainly applied in urban security, oil storage, power monitoring, forest fire prevention, vehicle&ship traveling, medical temperature measurement, Gun Aiming System etc.

Applications

- Security Monitoring
- Vehicle/Ship Assist
- Medical Thermal
- Gun Aiming System

Benefits

- High Precision
- High Stability



Standard Products

For security Monitoring

Focal Length	Aperture	Viewing Angle (horizontal/vertical)	Working Wavelength	Focusing Range
25mm	0.8~1.2	21.7°/16.4°	8-12um	∞~0.5m
30mm	0.8~1.2	18.2°/13.7°	8-12um	∞~1.5m
35mm	0.8~1.2	15.6°/11.7°	8-12um	∞~1.5m~3.0m
40mm	0.8~1.2	13.7°/10.3°	8-12um	∞~1.5m~3.0m
50mm	0.8~1.2	11°/8.2°	8-12um	∞~1.5m~3.0m
60mm	0.8~1.2	9.1°/6.9°	8-12um	∞~3.0m~5.0m
75mm	0.8~1.2	7.3°/5.5°	8-12um	∞~3.0m~5.0m
100mm	1.0-1.4	5.5°/4.1°	8-12um	∞~10.0m
125mm	1.0-1.4	-	8-12um	∞~10.0m~20.0m
150mm	1.0-1.4	-	8-12um	∞~20.0~25.0m

For Vehicle/Ship Assist

Focal Length	Aperture	Viewing Angle (horizontal/vertical)	Working Wavelength	Focusing Range
25mm	0.8~1.2	21.7°/16.4°	8-12um	∞~0.5m
30mm	0.8~1.2	18.2°/13.7°	8-12um	∞~1.5m
100mm	1.0-1.4	5.5°/4.1°	8-12um	∞~10.0m
125mm	1.0-1.4	-	8-12um	∞~10.0m~20.0m
150mm	1.0-1.4	-	8-12um	∞~20.0~25.0m
225mm	1.5	4.07°/3.06°	8-12um	∞~40.0m

For Medical Thermal

Focal Length	Aperture	Viewing Angle (horizontal/vertical)	Working Wavelength	Focusing Range
9mm	1.0~1.2	51.6° /43.6°	8-12um	
13mm	1	40.5° /31°	8-12um	∞~0.3m
15mm	0.8~1.0	33.5° /27°	8-12um	∞~0.3m
17mm	1	31.5° /23.9°	8-12um	∞~0.3m
19mm	1.0~1.2	27° /20.4°	8-12um	∞~0.3m
23mm	1	23.6° /17.8°	8-12um	∞~0.5m
Zoom10-30mm	1.5		8-12um	∞~0.3~0.5m

For Gun Aiming System

Focal Length	Aperture	Viewing Angle (horizontal/vertical)	Working Wavelength	Focusing Range
30mm	0.8~1.2	18.2°/13.7°	8-12um	∞~1.5m
35mm	0.8~1.2	15.6°/11.7°	8-12um	∞~1.5m~3.0m
40mm	0.8~1.2	13.7°/10.3°	8-12um	∞~1.5m~3.0m
50mm	0.8~1.2	11°/8.2°	8-12um	∞~1.5m~3.0m
60mm	0.8~1.2	9.1°/6.9°	8-12um	∞~3.0m~5.0m
75mm	0.8~1.2	7.3°/5.5°	8-12um	∞~3.0m~5.0m