

Ultra-Compact Day/Night Wide Angle Lens



Description

The DSL235 is a miniature wide angle lens designed for 2-3MP image sensors with 1/3" format. The DSL235 is optimized for Day/Night applications with active illumination in the Near Infrared, which makes it ideal for space constrained applications utilizing 850nm or 940nm active illumination.

Key Features

- Hybrid design to reduce size
- Day/Night optimized
- Wide Angle field of view

Optical Specifications

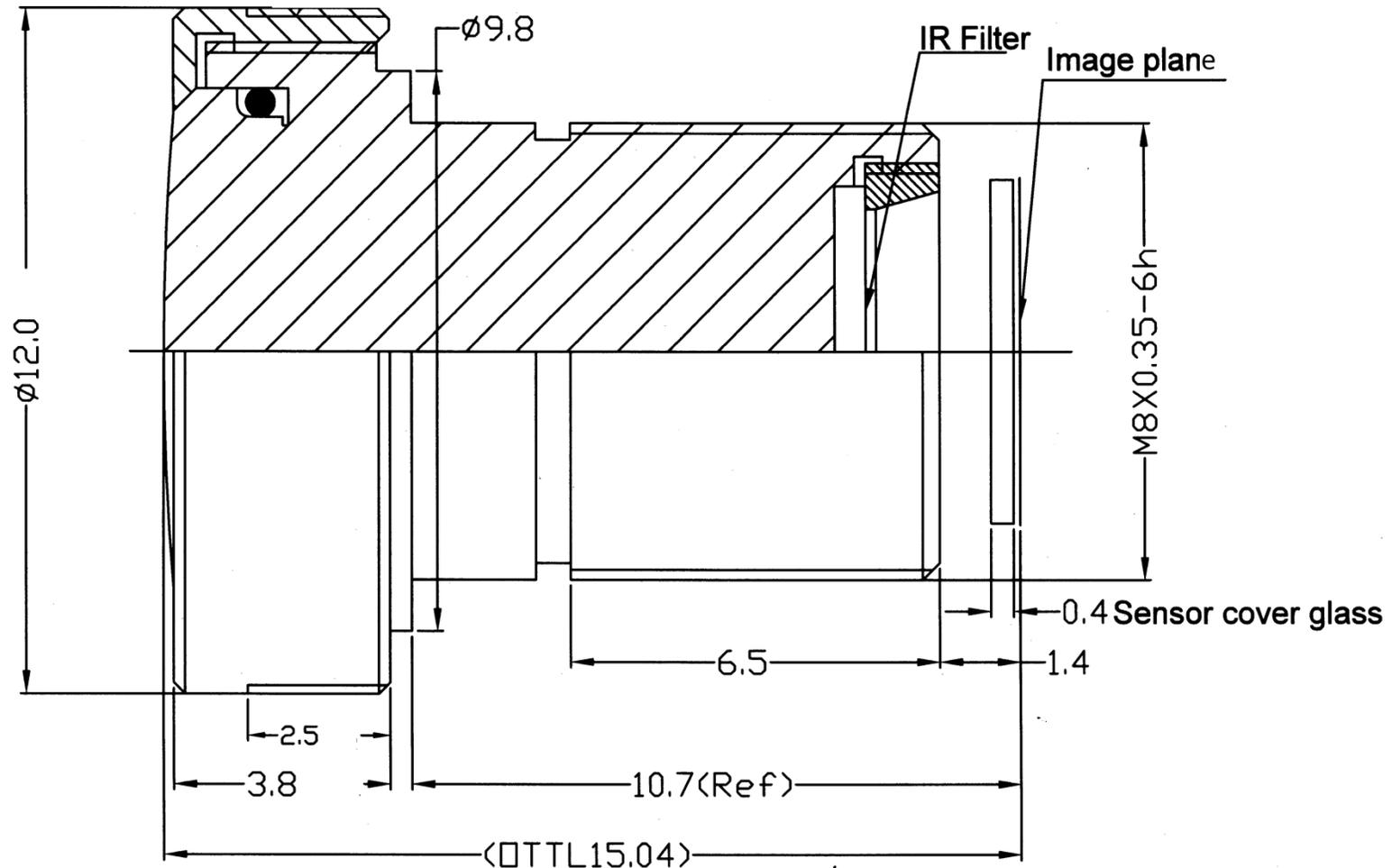
Sunex PN DSL235	
Description	Miniature wide angle lens
Imager Format	1/3"
Nominal Imager Resolution	2MP-3MP
Focal Length	3.0mm
Relative Aperture (F/#)	F/3.2 (F/2.2 available)
Image Circle	6.0mm
Field of View	160° at 6.0mm image circle
Total Track Length	15mm
Distortion	-28% from F- θ
Chief Ray Angle	23° at 6.0mm image circle, linear
IR cut-off filter	Optional 650nm IR cut-off filter

Applications

- Wearable cameras
- Security/Surveillance
- Consumer cameras

DSL235E-650-F3.2 and DSL235E-NIR-F3.2 Mechanical Dimensions [mm]:

Note: DSL235E is intended for use with Sunex CMT233 or CMT683 mount



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Sunex, Inc.
Telephone: +1 760 597 2966
www.sunex.com