

Compact Day/Night Imaging Lens



Description

The DSL936 is a multi-element glass lens optimized for 1/2" imagers with up to 5MP resolution. The DSL936 is Day/Night optimized for improved performance in the near infrared making this lens ideal for applications which require active illumination at 850nm or 940nm.

Key Features

- Day/Night (Near IR) Corrected
- Compact Size

Optical Specifications

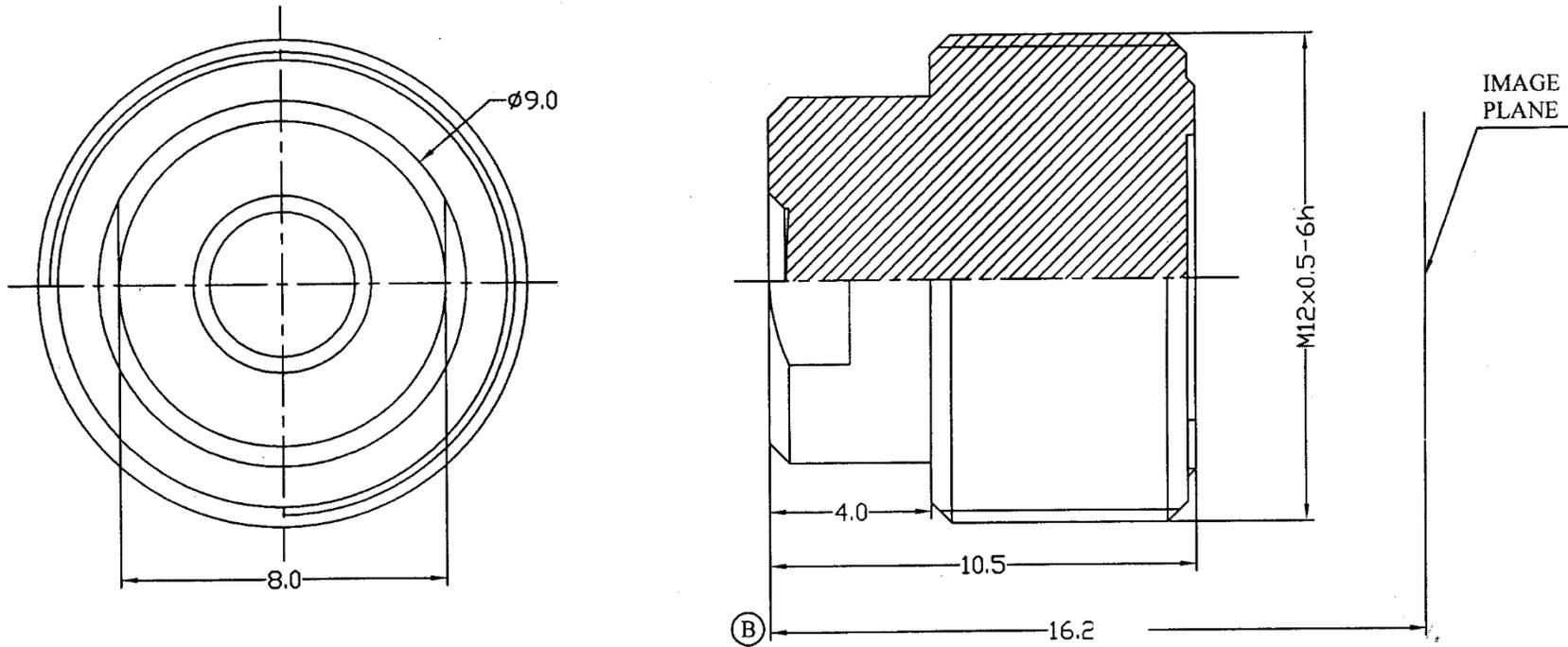
Sunex PN DSL936	
Description	Low profile Day/Night lens
Imager Format	Up to 1/2"
Nominal Imager Resolution	3-5MP
Focal Length	8.5mm
Relative Aperture (F/#)	F/3.2
Image Circle	8.0mm
Field of View	52° at 8.0mm image circle
Total Track Length	15.9mm w/ 0.5mm coverglass 16.2mm w/ 1.5mm coverglass
Distortion	<2.8% rectilinear
Chief Ray Angle	12° at 8.0mm image circle, linear
IR cut-off filter	Optional 650nm IR cutoff coating

Applications

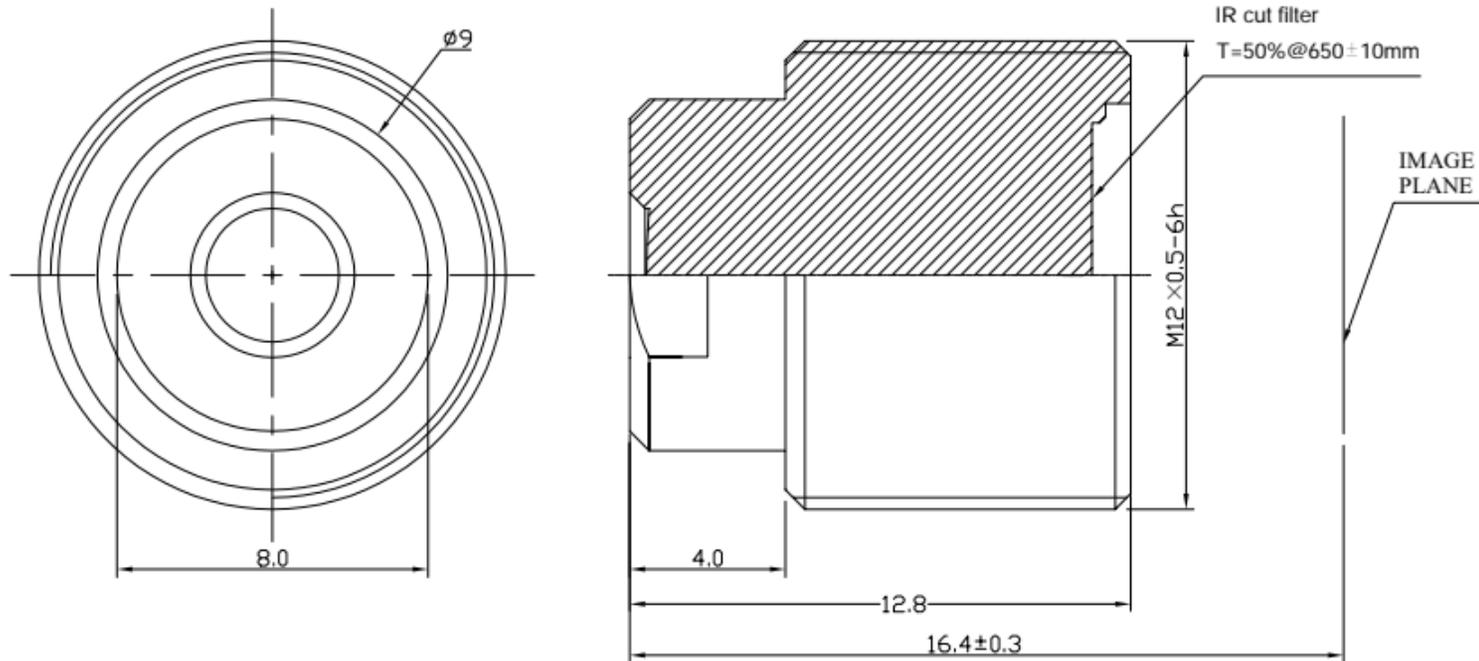
- Finite Imaging
- Biometrics
- Computer Vision

DSL936C-650-F3.2 and DSL936C-NIR-F3.2 Mechanical Dimensions [mm]:

Note: DSL936C is intended for use with Sunex CMT821, CMT822-6H and CMT107 mounts



DSL936D-650-F3.2 Mechanical Dimensions [mm]:



Notes:

- 1. EFL=8.5
- 2. F#=3.2
- 3. Barrel Material: AL6061