

Miniature VIS+IR Lens



Description

The DSL986 lens is a miniature RGB IR lens, designed for automotive OMS application or standard sensors up to 1/2.7" format sizes, low F# value, good thermal stability. At the same time in the visible light and infrared has a good ghost, stray light performance, where high resolution and the LowGhost™HDR feature are required.

Key Features

- HFOV ~ 140° on 1/2.7" format sensors, wide angle
- Sunex LowGhost™ HDR
- High thermal stability, lower flare and ghost.
- Excellent low light performance: F/2.2 aperture
- Compact Board-Mount size
- Double channel wavelength

Optical Specifications

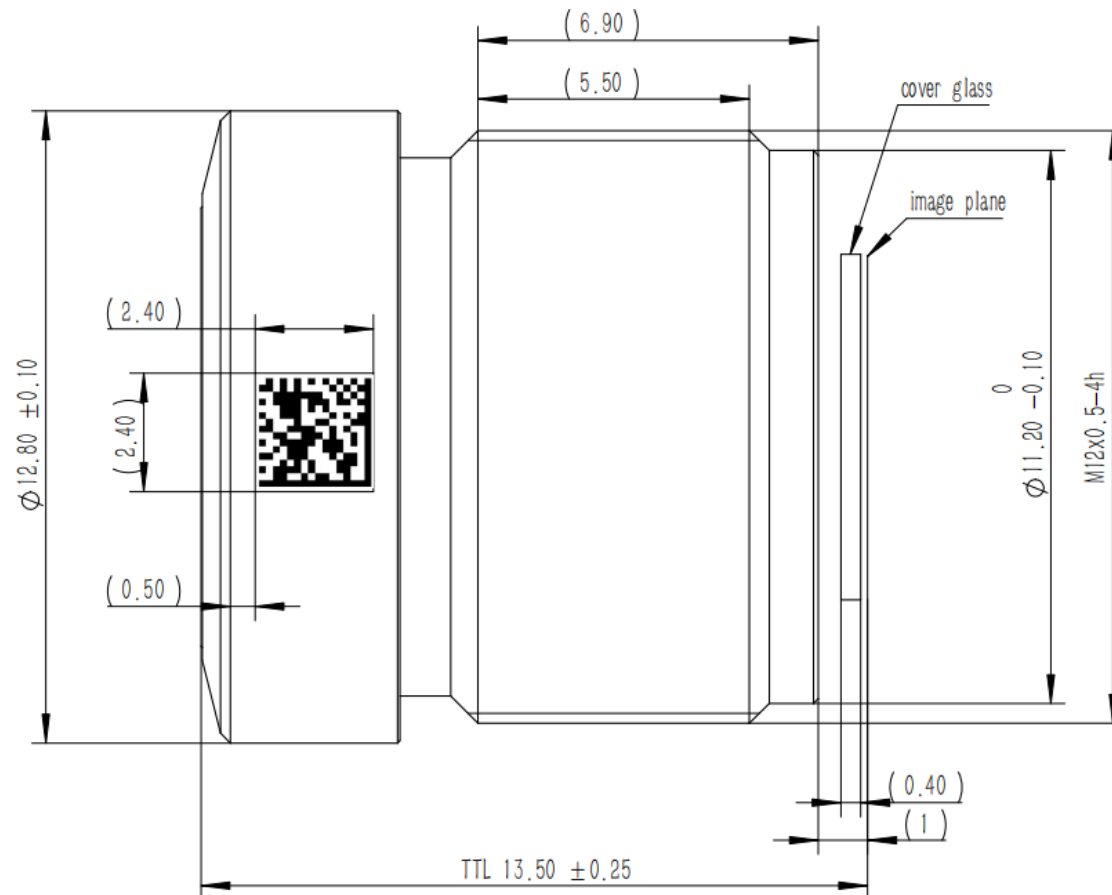
Sunex PN DSL986	
Description	HDR Lens
Imager Format	Up to 1/2.7"
Nominal Imager Resolution	5MP
Focal length	2.75mm
Relative Aperture (F/#)	1.8 or 2.0
Design Image Circle	5.9mm
Field of View	FOV 140° at 5.7mm image circle FOV 150° at 5.9mm image circle
Total Track Length	13.5mm
Distortion (F-theta)	-18.2% at 5.9mm
Chief Ray Angle	20° at 5.9mm
IR cut-off filter	VIS+940/VIS+850nm/NIR optional

Applications

- Automotive OMS
- Security
- Machine vision

DSL986A-IRC41-F2.2-HP3 Mechanical Dimensions [mm]:

Note: DSL986 is intended for use with Sunex CMT821 mount.



SUBJECT TO CHANGE WITHOUT NOTICE

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