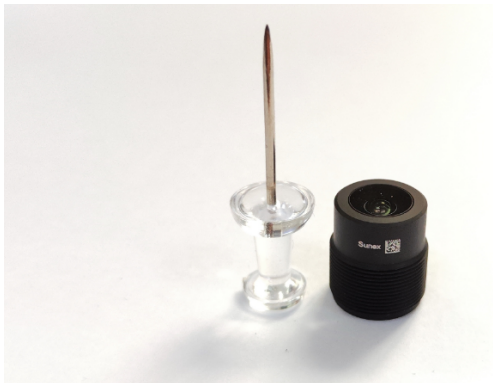


### Miniature VIS+IR Lens



### Description

The DSL973 lens is a miniature HDR lens with a large angle, custom distortion, designed for automotive OMS application or standard sensors up to 1/2.5" 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 ~ 125° on 1/2.5" 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 DSL973	
Description	HDR Lens
Imager Format	Up to 1/2.5"
Nominal Imager Resolution	5MP
Focal length	2.97mm
Relative Aperture (F/#)	2.2
Design Image Circle	6.6mm
Field of View	FOV 172° at 6.6mm image circle FOV 125° at 5.76mm image circle
Total Track Length	14.2mm
Distortion (F-theta)	-25.4% at 6.6mm
Chief Ray Angle	19° at 6.6mm
IR cut-off filter	VIS+940/NIR/BP940 optional

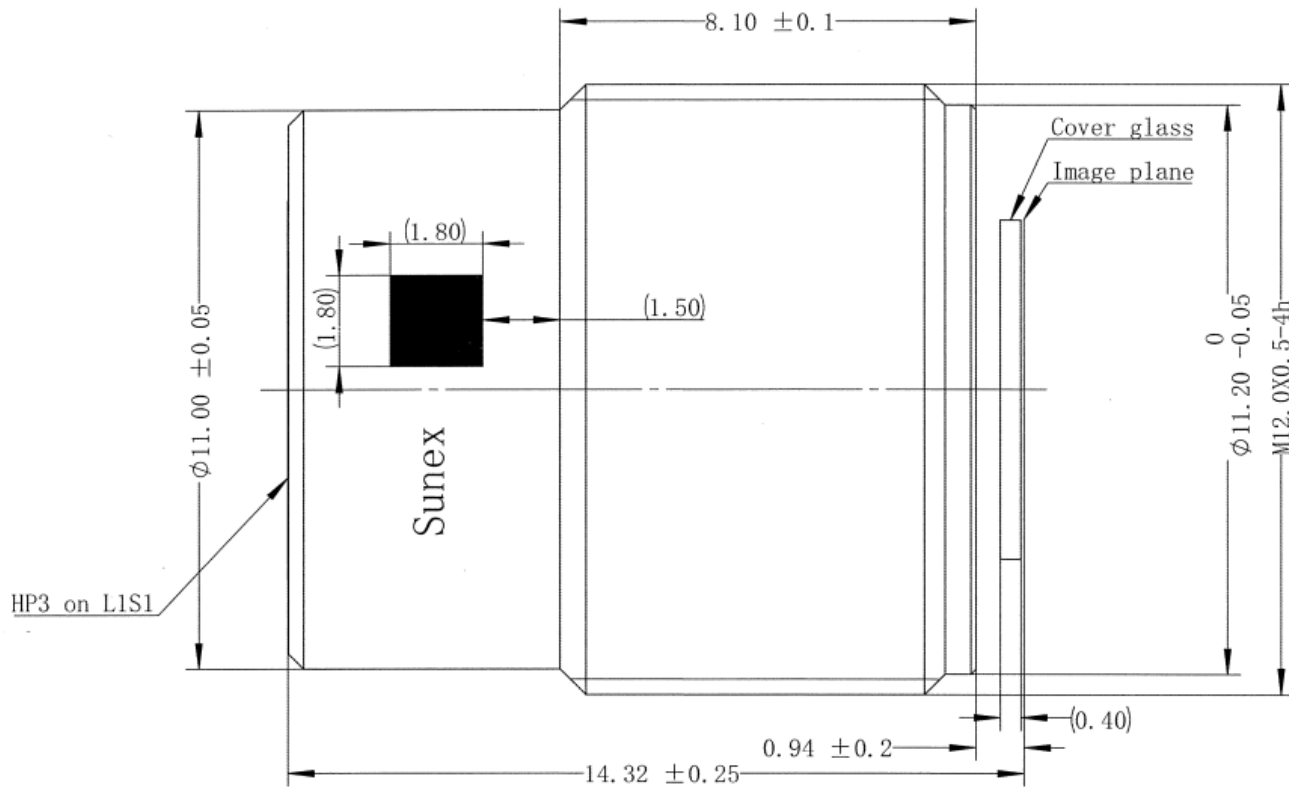
### Applications

- Automotive OMS
- Security
- Machine vision

Excellence in Digital Imaging Optics

### DSL973A-IRC41-F2.2-HP3 Mechanical Dimensions [mm]:

Note: DSL973 is intended for use with Sunex CMT821 mount.



SUBJECT TO CHANGE WITHOUT NOTICE

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### DSL973B-NIR-F2.2-HP3 Mechanical Dimensions [mm]:

