

### Miniature Wide Angle Day/Night Lens



### Description

The DSL322 is a miniature, wide-angle, day/night lens designed for 1/4" sensors with HD resolution. This lens provides a design field of view of 120 degrees in a compact package and is a Day/Night optimized (NIR corrected) lens. The improved near infrared performance makes this lens ideal for security, surveillance and machine vision applications.

### Key Features

- Compact design
- High image quality
- Wide angle design

### Optical Specifications

Sunex PN DSL322	
Description	Wide Angle Day/Night Lens
Imager Format	1/4"
Nominal Imager Resolution	1.3MP
Focal Length	2.4mm
Relative Aperture (F/#)	F/2.0
Image Circle	4.5mm
Field of View	92° at 3.6mm image circle 120° at 4.5mm image circle
Total Track Length	20.5mm
Distortion	-7% from F- $\theta$
Chief Ray Angle	16° at 4.5mm image circle, linear
IR cut-off filter	Optional 650 nm cutoff coating

### Applications

- Security / Surveillance
- Computer Vision

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### DSL322A-NIR-F2.0 and DSL322A-650-F2.0 Mechanical Dimensions [mm]:

Note: DSL322A is intended for use with Sunex CMT821 mount

