

### NoGhost™ Miniature Lens



### Description

The DSL977 is an all-glass lens designed for 1MP HDR imagers. Special optical design, coating and process techniques are applied to achieve the high resolution, low relative aperture eliminating lens ghosting (120dB) and minimize flare and stray light.

### Key Features

- NoGhost, low stray light for HDR sensors
- Low relative aperture F/1.8
- Face Sealed to IP6K9K
- Compact size

### Optical Specifications

Sunex PN DSL977	
Description	NoGhost lens
Imager Format	Up to 1/2.7"
Nominal Imager Resolution	1.3MP
Focal Length	7.7mm
Relative Aperture (F/#)	F/1.8
Image Circle	7.0mm
Field of View	53° at 7.0mm image circle
Total Track Length	14.6mm Optical 16.9mm Mechanical
Distortion	-7.5% @ 7.0mm image circle
Chief Ray Angle	20° at 7.0mm image circle, linear
IR cut-off filter	Optional IR cut-off filter

### Applications

- Automotive Forward Facing
- Wing mirror replacement
- Computer Vision

### DSL977A-650-F1.8 Mechanical Dimensions [mm]:

Note: DSL977A is intended for use with Sunex CMT821 and CMT822 mount.

