

### Compact NoGhost™ Lens for HD/HDR Sensors



### Description

The DSL987 is a compact, low F/# lens designed for low light HD/HDR applications. This lens is optimized for use HD sensors with imager format up to 1/2.7". Special optical design, coating and process techniques are applied to eliminate lens ghosting (120dB) and minimize stray light. The all-glass construction provides a high image quality, stability over temperature, and durability for demanding, "always-on" applications.

### Key Features

- NoGhost™
- Compact Size
- F/1.8 for low light and high framerate cameras
- Excellent Thermal Stability

### Optical Specifications

Sunex PN DSL987	
Description	Miniature NoGhost™ HD Lens
Imager Format	Up to 1/2.7"
Nominal Imager Resolution	1.3MP
Focal Length	6.2mm
Relative Aperture (F/#)	1.6/1.8/2.2
Image Circle	7.0mm
Field of View	59° at 6.0mm image circle
Total Track Length	12.9mm
Distortion	<14% rectilinear
Chief Ray Angle	21° at 7.0mm image circle, linear
IR cut-off filter	Integrated 650nm IR cutoff filter

### Applications

- Automotive Forward Machine Vision (sensing)
- Automotive Mirror Replacement (CMS/eMirror)
- Computer Vision
- Police Cameras

### DSL987A-650-F1.6, DSL987A-650-F1.8, DSL987A-650-F2.2 Mechanical Dimensions [mm]:

Note: DSL987A is intended for use with Sunex CMT821 and CMT822 mounts

