

High Resolution Digital Imaging Lens



Description

The DSL935 lens is a multiple element glass lens optimized for 1/1.8" format imagers with up to 5MP resolution. The small form factor makes this lens ideal for high performance handheld cameras.

Key Features

- All-glass construction optimizes thermal stability
- High resolution
- Compact size

Optical Specifications

Sunex PN DSL935	
Description	Compact Imaging Lens
Imager Format	1/1.8"
Nominal Imager Resolution	5MP
Focal Length	9.6mm
Relative Aperture (F/#)	F/3.0
Image Circle	8.8mm
Field of View	42° at 7.1mm image circle 51° at 8.8mm image circle
Total Track Length	16.2mm
Distortion	2% rectilinear
Chief Ray Angle	13° at 8.8mm image circle, linear
IR cut-off filter	Optional 650nm cutoff coating

Applications

- Biometrics
- Medical and Finite Imaging
- Computer Vision

DSL935A-650-F2.5, DSL935A-650-F3.0 and DSL935A-NIR-F3.0 Mechanical Dimensions [mm]:

Note: DSL935A is intended for use with Sunex CMT103 and CMT107 mount

