

### 4K Digital Imaging Lens



### Description

The DSL945 is a 4K lens designed for 1/2.3" imagers with up to 10MP resolution. The high resolution of this lens makes it ideal for scanning and finite conjugate machine vision applications.

### Key Features

- Wide angle, low distortion
- High performance compact design
- Finite conjugate optimized

### Optical Specifications

Sunex PN DSL945	
Description	High Resolution lens
Imager Format	1/2.3"
Nominal Imager Resolution	Up to 10MP
Focal Length	5.5mm
Relative Aperture (F/#)	F/2.5
Image Circle	7.5mm
Field of View	70° at 7.5mm image circle
Total Track Length	24.0mm
Distortion	<3% rectilinear
Chief Ray Angle	~10° at 7.5mm image circle
IR cut-off filter	Optional 650nm IR cutoff filter

### Applications

- Document scanning
- Video-conferencing
- Finite Imaging

### DSL945D-650-F2.5 and DSL945D-NIR-F2.5 Mechanical Dimensions [mm]:

Note: DSL945D is intended for use with Sunex CMT821 and CMT822 mounts

