

Compact DSC Lens for 2 Megapixel 1/2"format CCD & CMOS Imager



Description

DSL914 lens is a multi-element glass lens optimized for 1/2" format CCD and CMOS imagers with up to 2M pixels.

Key Features

- High-quality all glass elements
- Low profile: optical path length <18.0mm from lens front physical surface to the image plane
- Aperture F/2.8: can be used as dual-mode lens
- High image quality (MTF)
- Compatible with optional optical-low pass filter.

Optical Specifications

| Sunex PN DSL914 | |
|---------------------------|----------------------------|
| Description | Compact DSC lens |
| Imager Format | 1/2" |
| Nominal Imager Resolution | 2.1MP |
| Focal Length | 9.6mm |
| Relative Aperture (F/#) | F/2.8 |
| Image Circle | 8.7mm |
| Field of View | 50° |
| Total Track Length | 17.9mm |
| Distortion | -2.95% rectilinear |
| Chief Ray Angle | 8.9° at 8.7mm image circle |
| IR cut-off filter | Optional |

Applications

- Compact digital still cameras with high image quality
- Dual-mode cameras

DSL914A-650-F2.8 and DSL941A-NIR-F2.8 Mechanical Dimensions [mm]:

