

4K+ Tailored Distortion™ Wide-Angle Lens



Description

The DSL369 is a miniature Tailored Distortion™ wide-angle lens designed for 4K+ HDR sensors with up to 1/2" format size. The compact size, low distortion and high image quality make this lens ideal for space constrained camera systems requiring minimal, if any, distortion correction in the ISP or software.

Key Features

- Tailored Distortion™
- 4k+ resolution
- Compact Design

Optical Specifications

Sunex PN DSL369	
Description	Miniature Tailored Distortion™ Lens
Nominal Imager Format	Up to 1/2"
Imager Resolution	Up to 16MP
Focal Length	2.8mm
Relative Aperture (F/#)	F/2.8
Image Circle	8.0mm
Field of View	80° at 4.6mm image circle 100° at 6.2mm image circle 118° at 7.8mm image circle
Total Track Length	24.0mm
Distortion	+36% from F-θ, <17% rectilinear
Chief Ray Angle	14° at 8.0mm image circle, linear
IR cut-off filter	Optional 660nm IR cutoff filter.

Applications

- Video Conferencing
- Drones
- Security and Surveillance
- Consumer Devices and IoT

DSL369B-660-F2.8 Mechanical Dimensions [mm]:

Note: The DSL369B is intended for use with Sunex CMT398 or CMT821 mount

