

HD/HDR Compact SuperFisheye



Description

The DSL145 is a SuperfishHeye™ lens with custom Distortion™ designed for automotive and other HDR, environmental challenge applications. It is widely used for in-vehicle surrounding viewing. The DSL145 is a hybrid lens with high performance and good thermal stability.

Key Features

- HD/HDR Performance
- Ruggedized and Athermal Hybrid Design

Optical Specifications

Sunex PN DSL145	
Description	HD/HDR SuperFisheye
Imager Format	1/4"
Nominal Imager Resolution	1MP
Focal Length	0.97mm
Relative Aperture (F/#)	2.0
Image Circle	3.84mm
Field of View	198° at 3.84mm image circle
Total Track Length	23.93mm
Distortion (F-Theta)	14.7% at 3.84mm
Chief Ray Angle	14° at 3.84mm image circle
IR cut-off filter	-650

Applications

- Automotive
- Security/Surveillance
- Robotics/Machine Vision

Excellence in Digital Imaging Optics

DSL145A-650-F2.0-HP3 Mechanical Dimensions [mm]:

Note: DSL145 is intended for use with Sunex CMT168 mount.

