

HD/HDR Compact SuperFisheye

Optical Specifications

| Sunex PN DSL253 | |
|---------------------------|-------------------------------|
| Description | HD/HDR Short TTL SuperFisheye |
| Imager Format | 1/4" |
| Nominal Imager Resolution | 1.3MP |
| Focal Length | 0.92mm |
| Relative Aperture (F/#) | 2.1 |
| Image Circle | 4mm |
| Field of View | 200° at 3.84mm image circle |
| Total Track Length | 13.06mm |
| Distortion (F-Theta) | 17.7% at 3.84mm |
| Chief Ray Angle | 13.4° at 3.84mm image circle |
| IR cut-off filter | -650 |

Description

The DSL253 is a miniature SuperfishHeye™ lens with custom Distortion™ designed for automotive and other HDR, environmental challenge applications. It is widely used for in-vehicle surrounding viewing. The DSL253 is a hybrid lens with high performance and good thermal stability.

Key Features

- HD/HDR Performance
- More than 200° Full FOV
- Ruggedized and Athermal Hybrid Design

Applications

- Automotive
- Security/Surveillance
- Robotics/Machine Vision

DSL253A-650-F2.1-HP3 Mechanical Dimensions [mm]:

Note: DSL253 is intended for use with Sunex CMT253 mount.

