

Miniature HDR Superfisheye



Description

The DSL383 is a miniature SuperFisheye™ lens with Tailored Distortion™ designed with a 203° field of view at a 5.76mm image circle. The lens is designed with a low F/# and with NoGhost (120dB) functionality, ideal for HD/HDR imagers. The hybrid construction allows for a cost-effective solution.

Key Features

- SuperFisheye™
- Tailored Distortion™
- 120dB HDR
- Hybrid construction

Optical Specifications

Sunex PN DSL383	
Description	Superfisheye, HDR
Imager Format	1/3"
Nominal Imager Resolution	up to 3MP
Focal Length	1.38mm
Relative Aperture (F/#)	F/2.0
Image Circle	6mm
Field of View	203° @5.76mm image circle
Total Track Length	19.7mm
Distortion	+18.8% f-theta
Chief Ray Angle	16.5° @6mm image circle
IR cut-off filter	650±10nm

Applications

- Automotive
- Security
- IOT
- HFOV=203°@5.76mm
- VFOV=168°@4.608mm

DSL383G-650-F2.0 Mechanical Dimensions [mm]:

Note: DSL383 is intended for use with Sunex CMT821C-A.

