

4K Large Format Fisheye Lens



Description

The DSL415 is a large-format, all-glass fisheye lens designed to give a full circular image on large format sensors such as 4/3" and certain 1" format sensors. The DSL415 will also provide a full HFOV of 195deg on most standard 1" imagers and full sensor coverage on [up to] 2/3" imagers.

Key Features

- 195° Field of View
- Extremely High Resolution
- All-Glass Construction for Environmental Stability.
- F/2.4 for Excellent Low Light Performance

Optical Specifications

Sunex PN DSL415	
Description	All-Glass Fisheye Lens
Imager Format	1" Class (up to 4/3")
Nominal Imager Resolution	Up to 20 MP
Focal Length	3.3mm
Relative Aperture (F/#)	F/2.4
Image Circle	11.2mm
Field of View	at 195° at 11.2mm image circle
Total Track Length	50mm
Distortion	0% from F- θ
Chief Ray Angle	14° at 11.2mm image circle
IR cut-off filter	Optional IR Cutoff filter at 650nm

Applications

- Security/Surveillance
- Broadcast Cameras
- Immersive Imaging

DSL415C-650-F2.4 Mechanical Dimensions [mm]:

The DSL415C-650-F2.4 is designed to be used with a custom mount, or C/CS mounts using CMT1635-C/CMT1635-CS.

