

Miniature Wide Angle Lens



Description

The DSL355 lens is a miniature wide angle lens designed for 1/2.5" format imagers with up to 5 Megapixel resolution. This compact lens provides a wide field of view with low distortion. The DSL355 is suitable for security and surveillance, video-conferencing, and sports camera applications.

Key Features

- Compact size
- High image quality
- Low distortion

Optical Specifications

Sunex PN DSL355	
Description	Miniature Wide Angle Lens
Imager Format	1/2.5"
Nominal Imager Resolution	Up to 5MP
Focal Length	4.2mm
Relative Aperture (F/#)	F/2.8
Image Circle	7.2mm
Field of View	68° at 5.8 mm image circle 81° at 7.2 mm image circle
Total Track Length	35.8mm
Distortion	-4% rectilinear
Chief Ray Angle	5.6° at 7.2mm image circle, linear
IR cut-off filter	Optional 650nm IR cutoff coating

Applications

- Security / Surveillance
- Telecommunications / Video-Conferencing
- Action Cameras

DSL355A-NIR-F2.8 and DSL355A-650-F2.8 Mechanical Dimensions [mm]:

Note: DSL355A is intended for use with Sunex CMT107/CMT821 mount

