

Ultra Wide-Angle Lens for Automotive



Description

The DSL236 lens is a miniature, wide-angle lens with Tailored Distortion[®]. The wide field of view, low F-number, and special distortion characteristics make this lens ideal for security and automotive applications.

Key Features

- Wide FOV: 164° maximum
- Tailored Distortion[™] - minimizes optical distortion
- Good low light performance: F/2.0 relative aperture
- Hybrid design to provide stability over temperature

Optical Specifications

Sunex PN DSL236	
Description	Wide angle lens
Imager Format	Nominal 1/4"
Nominal Imager Resolution	1.3MP
Focal Length	1.23mm
Relative Aperture (F/#)	2.0
Image Circle	4.5mm nominal
Field of View	164° maximum @4.5mm image circle 136° @ 3.6mm image circle
Total Track Length	22.98mm
Distortion	+28% from F- θ
Chief Ray Angle	10.6° at 5.0mm image circle
IR cut-off filter	Optional IR cut off coating

Applications

- Automotive Rear View and Surround View
- Security and Surveillance

