

Miniature Wide-angle Lens



Description

DSL386 lens is a miniature Tailored Distortion™ wide-angle lens designed for use with 12-14 Megapixel 1/2" format imagers with 1.5 micron pixel pitch.

Key Features

- Exclusive Tailored Distortion™ technology provides a "truer" and more natural wide-angle perspective over traditional wideangle lenses.
- HDR Optimized™ for stray light and ghosting
- High image quality for HD videos.
- Hybrid design with aspheric elements
- Compact size

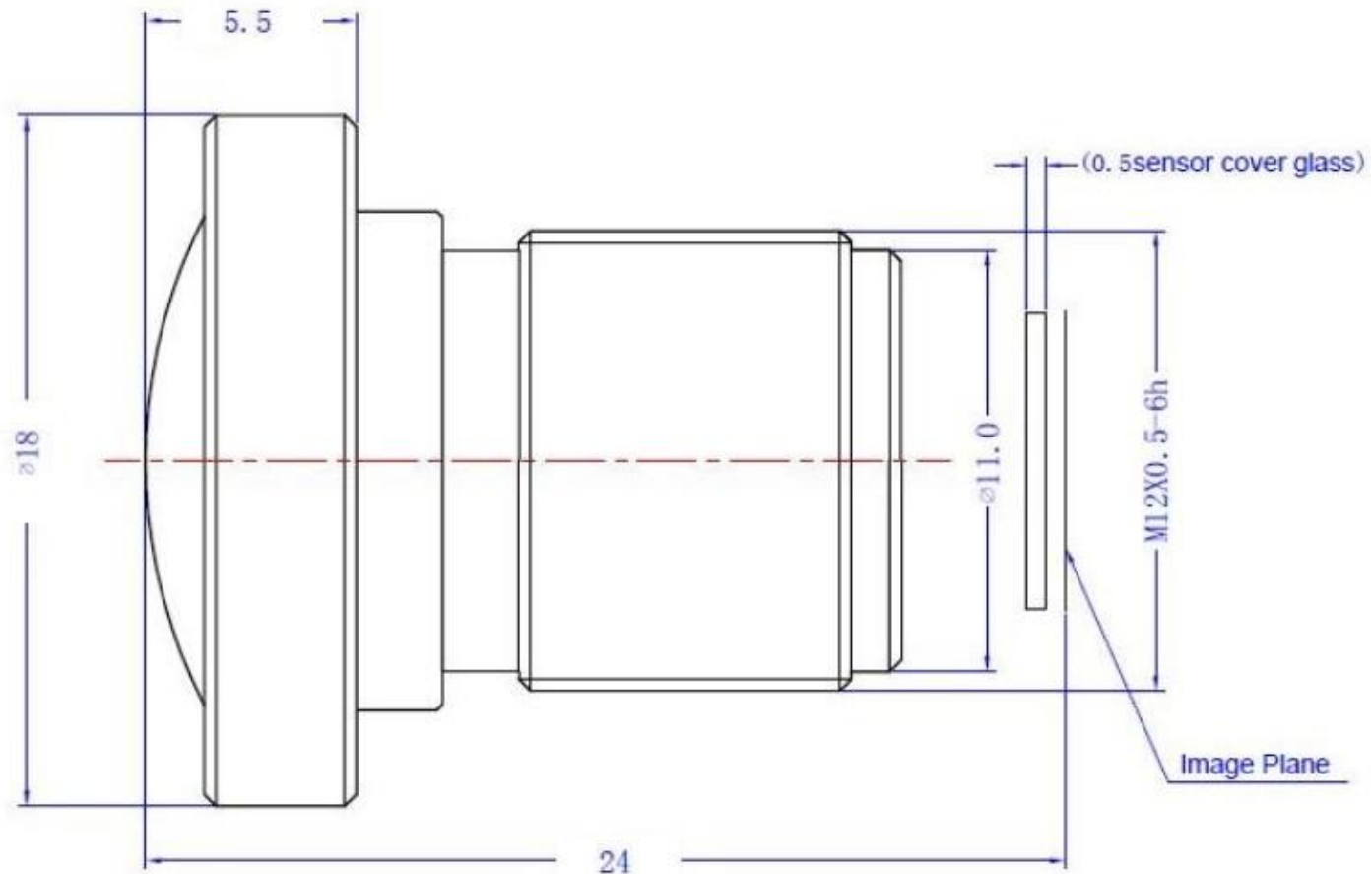
Optical Specifications

Sunex PN DSL386	
Description	Miniature wide-angle lens with Tailored Distortion™
Imager Format	1/2"
Nominal Imager Resolution	12MP
Focal Length	2.7mm
Relative Aperture (F/#)	F/2.8
Image Circle	8.0mm
Field of View	DFOV=145deg@7.8mm image circle HFOV=121deg@6.2mm image circle VFOV=95deg@4.7mm image circle
Total Track Length	24mm
Distortion	+15% f-θ at 8.0 mm image circle
Chief Ray Angle	~14° at 8.0mm image circle
IR cut-off filter	Optional

Applications

- Sports and action cameras
- Security and surveillance cameras

DSL386A-670-F2.8 Mechanical Dimensions [mm]:



DSL386A-NIR-F2.8 Mechanical Dimensions [mm]:

