

4K+ Tailored Distortion™ Wide-Angle Lens



Description

DSL369 lens is a miniature Tailored Distortion™ wide-angle lens designed for use with up to 16 Megapixel, 1/2" format imagers with $\geq 1.2\mu\text{m}$ pixel pitch.

Key Features

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

SUBJECT TO CHANGE WITHOUT NOTICE

Optical Specifications

Sunex PN DSL369	
Description	Wide-Angle 4K+ Lens
Imager Format	Up to 1/2"
Nominal Imager Resolution	8-12mp
Focal Length	2.8 mm
Relative Aperture (F/#)	2.8
Image Circle	8.0 mm
Field of View	DFOV=120 deg at 8.0 mm HFOV=96 deg at 6.2 mm VFOV=82 deg at 4.7 mm
Total Track Length	24 mm
Distortion	17% F-Tan
Chief Ray Angle	13° Max (8.0mm)
IR cut-off filter	Optional

Applications

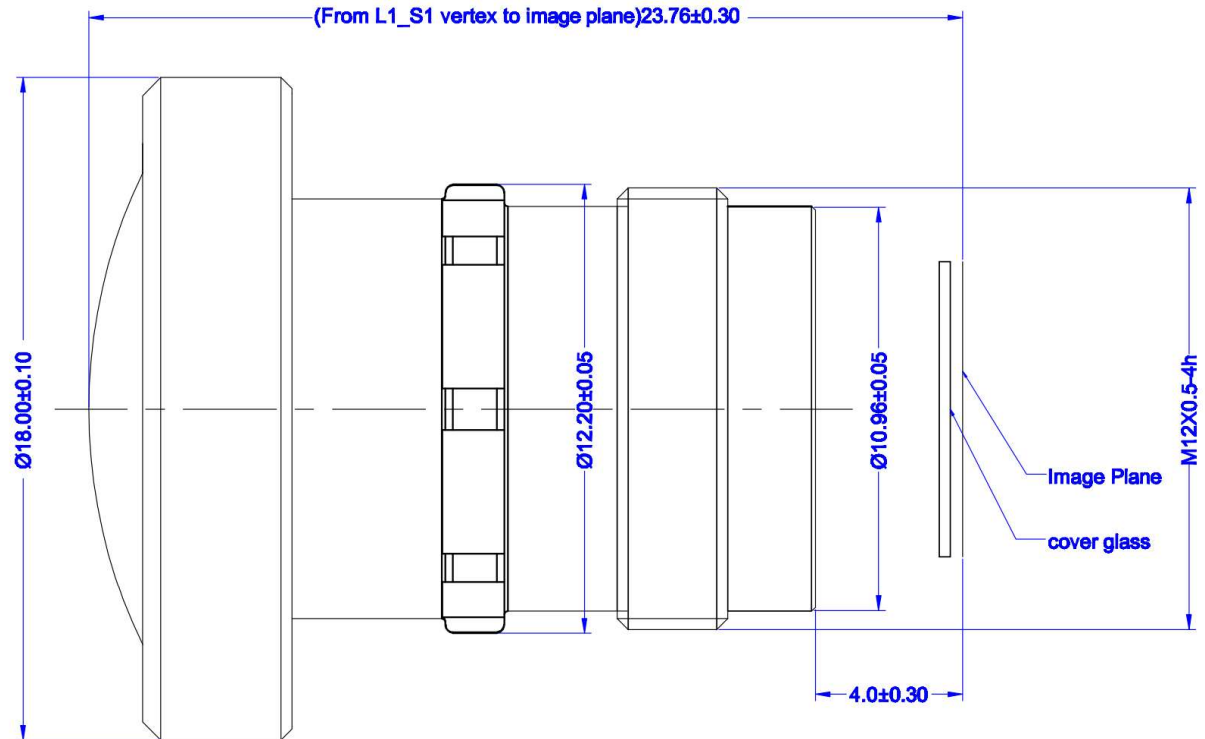
- Sports and action cameras
- Security and surveillance cameras
- Video Conferencing

Sunex, Inc.

Telephone: +1 760 597 2966

www.sunex.com

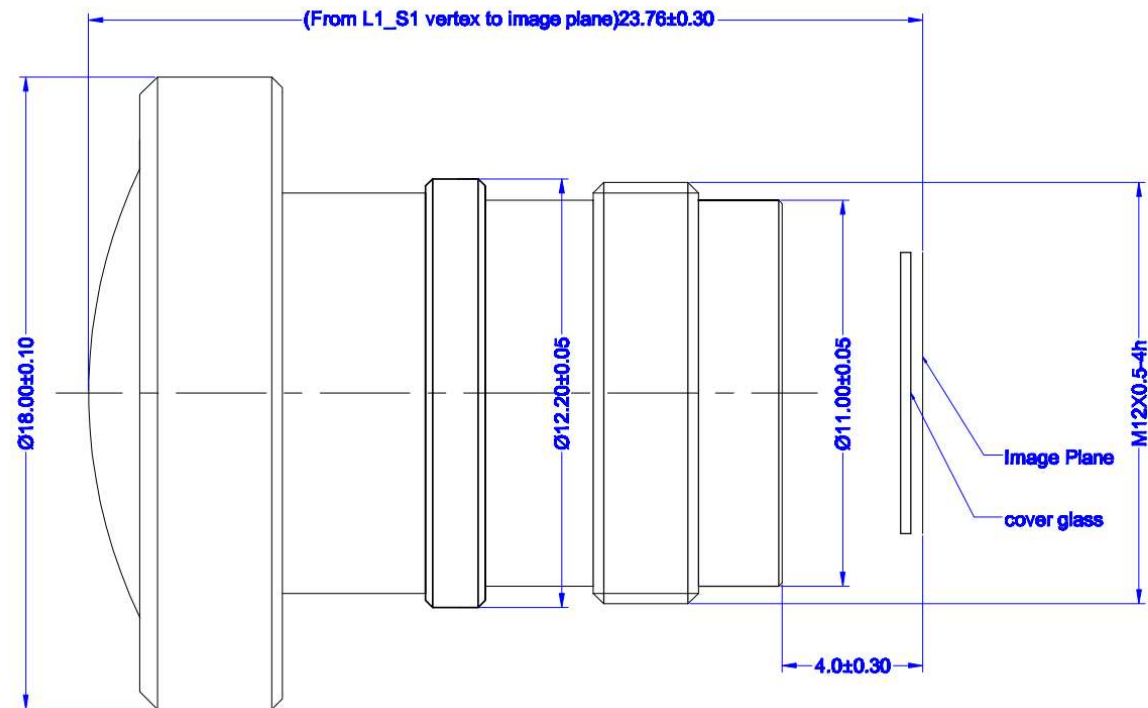
DSL369A-650-F2.9 Reference Mechanical Dimensions [mm]:



Notes:

1. EFL = $2.81 \pm 5\%$ mm;
2. F/# = $2.8 \pm 5\%$
3. Barrel material : EGN2030KR
4. Cap material: AL6061
5. Material surface color : Black.
6. IR Cut: T=50% @ 650 ± 20 nm;

DSL369B-650-F2.9 Reference Mechanical Dimensions



Notes:

1. EFL = $2.81 \pm 5\%$ mm;
2. F/# = $2.8 \pm 5\%$
3. Barrel material : AL6061
4. Cap material: AL6061
5. Material surface color : Black.
6. IR Cut: T=50% @ 650 ± 20 nm;