

### 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

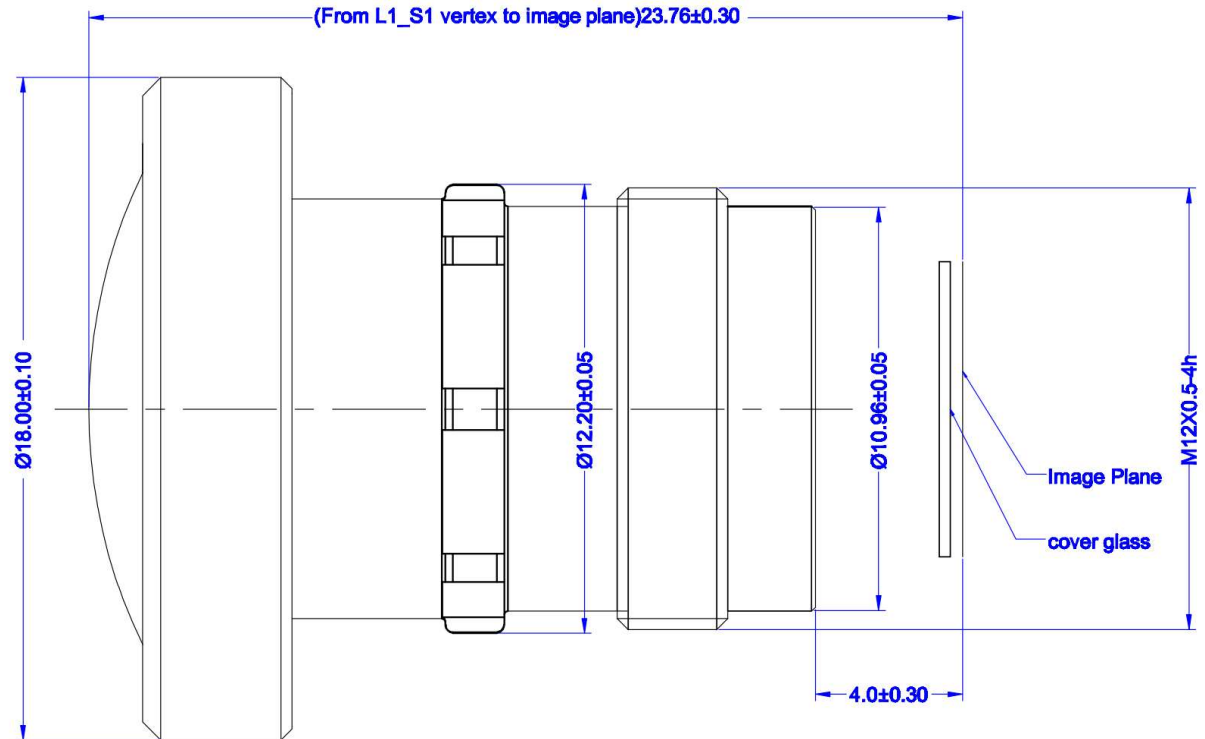
### Optical Specifications

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

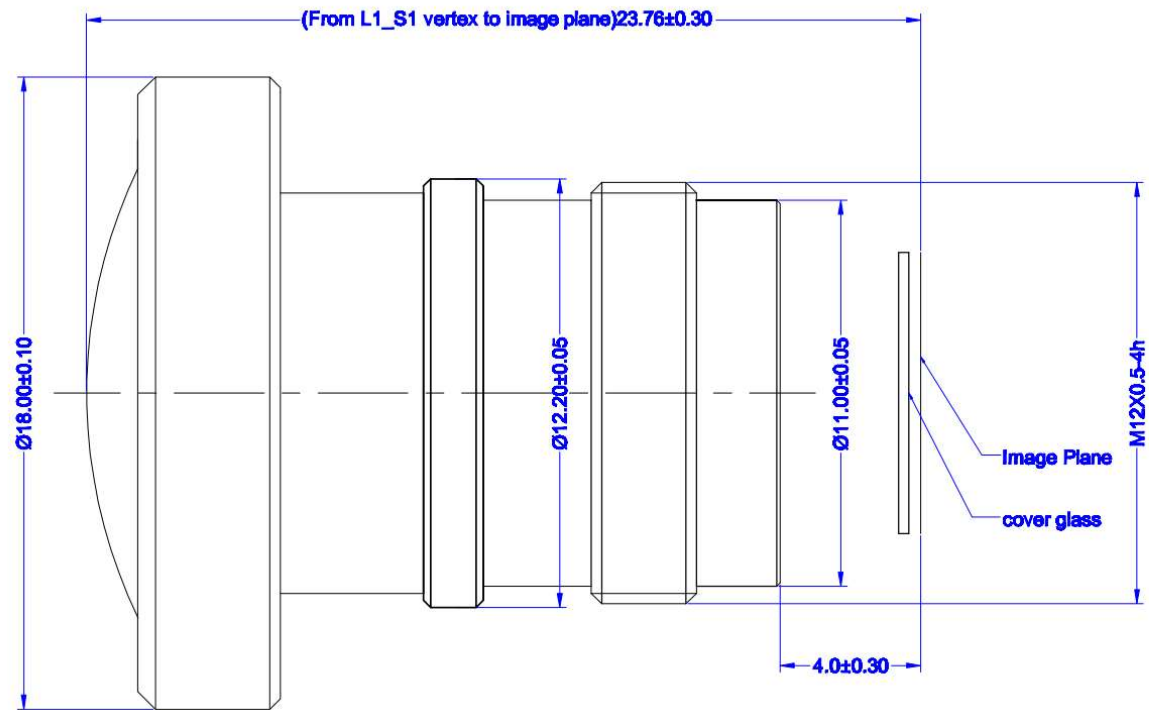
### DSL369A-650-F2.9 Reference Mechanical Dimensions [mm]:



**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% @  $650 \pm 20$  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% $\text{\textcircled{a}}$ 650 $\pm$ 20nm;