

Ultra-Fast, 4K Imaging Lens



Description

Ultra-low F/# for superb low-light imaging in Automotive, Autonomous and Security related applications, 4K, Low-Ghost design provides excellent image quality.

Key Features

- Hybrid lens for excellent image and distortion characteristics
- HDR-Optimized for Low flare and ghost
- High (4K) resolution and extremely low F/# for bright, sharp images.

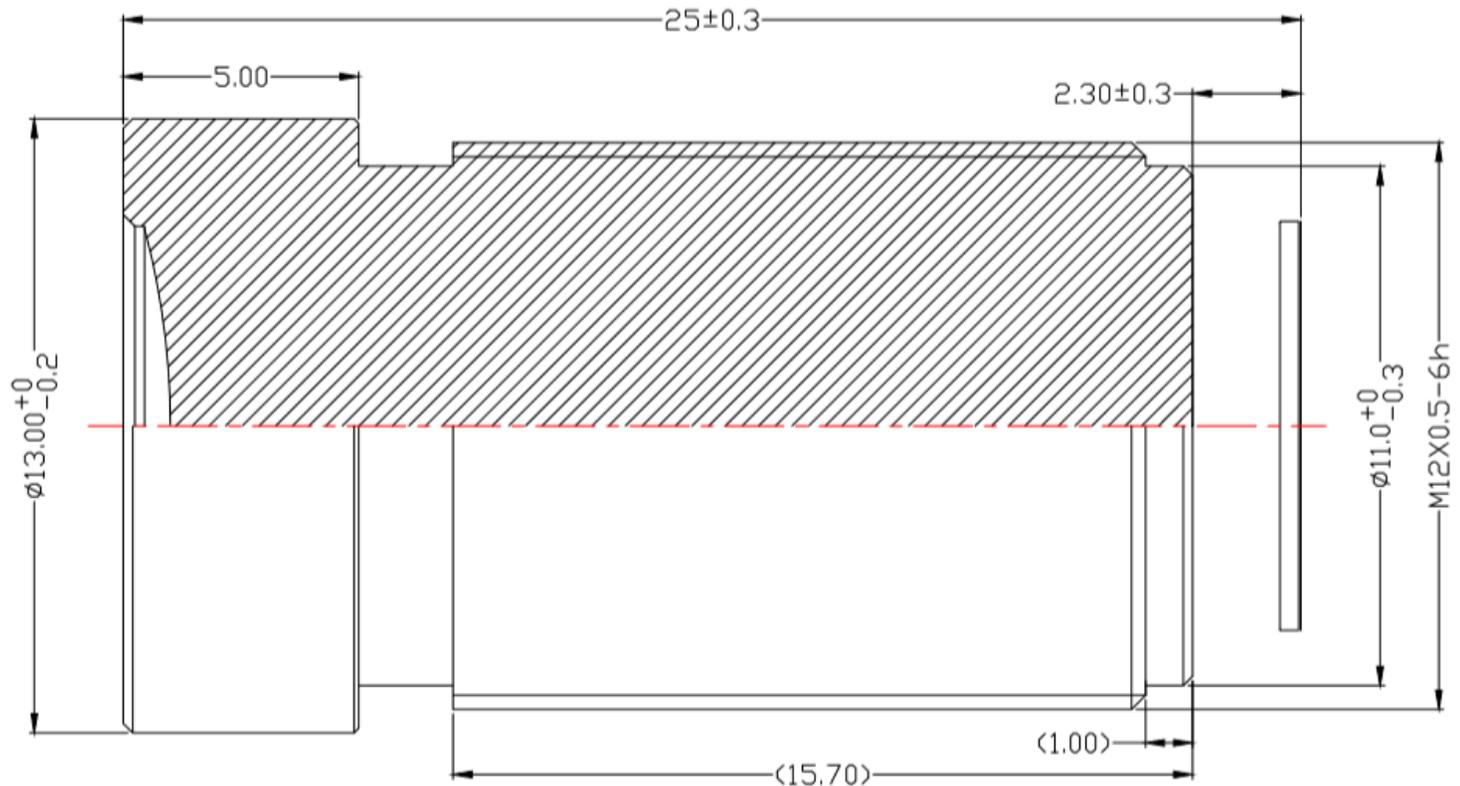
Optical Specifications

| Sunex PN DSL163 | |
|----------------------------------|----------------------------------|
| Description | 4K, HDR, Hybrid Lens |
| Imager Format | Up to 1/1.8" |
| Nominal Imager Resolution | 4k, 8MP |
| Focal Length | 7.87mm |
| Relative Aperture (F/#) | 1.8 |
| Nominal Image Circle | 8.7mm |
| Field of View | 65 degrees at 8.7mm image circle |
| Total Track Length | 24 mm |
| Distortion (F-Theta) | -3.5% |
| Chief Ray Angle | 18.2° at 8.7mm image circle |
| IR cut-off filter | Optional IR cut-off filter |

Applications

- Automotive
- Autonomous applications
- Security/Surveillance cameras
- Consumer and Industrial

DSL163-NIR-F1.8 and DSL163-650-F1.8 Mechanical Dimensions [mm]:



Notes:

- 1.EFL= 7.87 ± 0.2 mm.
- 2.F/#= 1.8 ± 0.1 .
- 3.Barrel material:Black anodized AL
Cap material:Black anodized AL
- 4.No flash or sharp edges