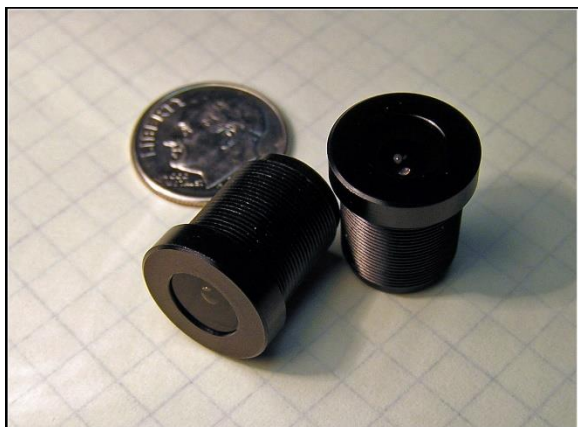


Miniature Megapixel Fisheye Lens



Description

The DSL228 features a compact design, wide field of view and predictable distortion characteristics suitable for dewarping. The DSL228 is optimized for 1/4" format CMOS sensors with multi-megapixel resolution. The relative aperture of F/2.0 provides good low-light performance.

Key Features

- Wide field of view: 75° HFOV on 1/4" imager
- All glass elements provides environmental stability
- Distortion: f- θ type (image height is proportional to the input angle $h = f \cdot \theta$ where f is the focal length)

Optical Specifications

| Sunex PN DSL228 | |
|---------------------------|-----------------------------|
| Description | Wide angle lens |
| Imager Format | Nominal 1/4" |
| Nominal Imager Resolution | 1.3MP |
| Focal Length | 2.9mm |
| Relative Aperture (F/#) | 2.0 |
| Image Circle | 5.0mm |
| Field of View | 120° at 5.0mm image circle |
| Total Track Length | 20.5mm |
| Distortion | -12% F- θ |
| Chief Ray Angle | 13° at 5.0mm image circle |
| IR cut-off filter | Optional IR cut off coating |

Applications

- Security and Surveillance

DSL228A-670-F2.0 Mechanical Dimensions [mm]:

