

### Miniature Tailored Distortion™ Wide Angle Lens



#### Description

The DSL377 is a high resolution, miniature Tailored Distortion™ wide angle lens designed for use with 1/2.3" format imagers with up to 5MP resolution. It is suitable for video-conferencing, security, and surveillance applications.

#### Key Features

- Exclusive Tailored Distortion™ technology provides a more natural wide-angle perspective over traditional wide angle lenses.
- Compact size
- High quality image on 3-5MP imagers

### Optical Specifications

| Sunex PN DSL377           |  |
|---------------------------|--|
| Description               | Tailored Distortion™ Lens                                  |
| Imager Format             | Up to 1/2.3"   |
| Nominal Imager Resolution | Up to 5MP  |
| Focal Length              | 2.5mm  |
| Relative Aperture (F/#)   | F/2.8  |
| Image Circle              | 7.6mm  |
| Field of View             | 110° at 5.8 mm image circle<br>134° at 7.6 mm image circle |
| Total Track Length        | 30.0mm   |
| Distortion                | +31% from F-θ<br>-35% rectilinear                          |
| Chief Ray Angle           | 14° at 7.6mm image circle, linear                          |
| IR cut-off filter         | Optional 650nm IR cutoff filter                            |

#### Applications

- Sports cameras
- Video Conferencing
- Security / Surveillance

### DSL377A-NIR-F2.8 and DSL377A-650-F2.8 Mechanical Dimensions [mm]:

Note: DSL377A is intended for use with Sunex CMT821 mount

