

Megapixel Low-Light Hybrid Lens



Description

The DSL115 lens is a multi-element hybrid lens optimized for HD imagers up to 1/3" format. This lens is ideally suited to building security cameras, PC web cameras, and video conferencing cameras.

Key Features

- Large aperture F/1.5: Optimal for low-light applications
- Hybrid lens structure: glass and plastic lens elements
- High image quality: optimized for 1.3M resolution
- IR cut-off filter integrated on lens elements

Optical Specifications

Sunex PN DSL115	
Description	Hybrid lens for 1/3" sensors.
Imager Format	1/3"
Nominal Imager Resolution	1.3MP
Focal Length	4.5mm
Relative Aperture (F/#)	F/1.5
Image Circle	6.0mm
Field of View	68° at 6.0mm image circle
Total Track Length	26.5mm
Distortion	-1.9% rectilinear
Chief Ray Angle	5.5° at 6.0mm image circle, linear
IR cut-off filter	Optional 650nm IR cutoff filter

Applications

- Low light security cameras
- Industrial Machine Vision
- Gesture Recognition / Time of Flight

DSL115A-NIR-F2.0 Mechanical Dimensions [mm]:



