

High Resolution Wide-angle Lens

Description

DSL945 lens is a miniature high resolution wide-angle lens designed for cameras using 10MP pixel imagers.

Key Features

- High image quality design with up to 1/2.3" format imager
- Wide-angle
- Miniature size with M12x0.5 mount
- Aspheric lenses for low distortion

Applications

- Document imaging
- Security and surveillance cameras.
- Video-conferencing

Optical Specifications

PN	DSL945
Description	High-res wide-angle imaging lens
Imager Format	1/2.3"
Focal Length (mm)	5.5
F/#	2.5
Design Image Circle (mm)	7.5
HFOV (1/2")	60°
Geometric Distortion at 1/2" corners	-3%
Relative Illumination at 1/2" corners	60%
Total Optical Track Length (mm)	24
Chief Ray Angle at 1/2" corners	~9 deg
IR Filter	IRC30 Optional

DSL945A/DSL945A-NIR Mechanical dimensions: (in mm)

