

Miniature Wide-Angle Lens



Description

The DSL311 is a miniature wide-angle lens designed for use with 1/4"-1/3" format image sensors with up to 5MP resolution. The all-glass all-metal construction makes this an ideal lens for thermally demanding applications that have large field of view and compact size requirements.

Key Features

- All glass construction for thermal stability
- Compact size
- Close to F- θ distortion

Optical Specifications

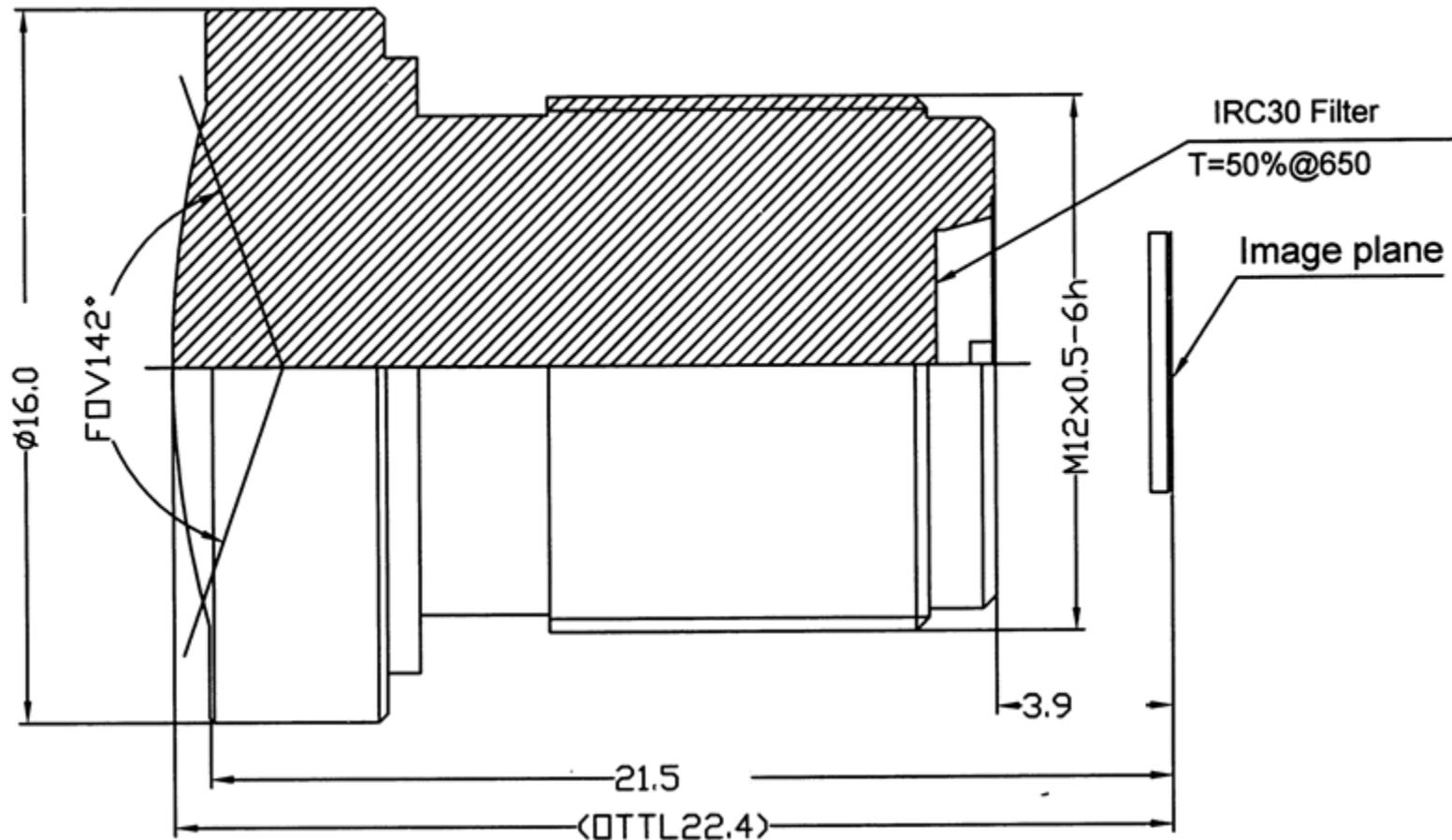
Sunex PN DSL311	
Description	Miniature Wide-Angle Lens
Imager Format	1/3"
Nominal Imager Resolution	Up to 5MP
Focal Length	2.5mm
Relative Aperture (F/#)	F/2.8
Image Circle	6.0mm
Field of View	151° at 6.0mm image circle
Total Track Length	22.0mm
Distortion	-6% from F- θ
Chief Ray Angle	20° at 6.0mm image circle, linear
IR cut-off filter	Optional 650nm IR cutoff filter

Applications

- Security/Surveillance
- Automotive Rear-view
- Sports and Wearable Cameras
- IoT cameras

DSL311A-650-F2.8 Mechanical Dimensions [mm]:

Note: DSL311A is intended for use with Sunex CMT821, CMT822 or CMT107 mounts

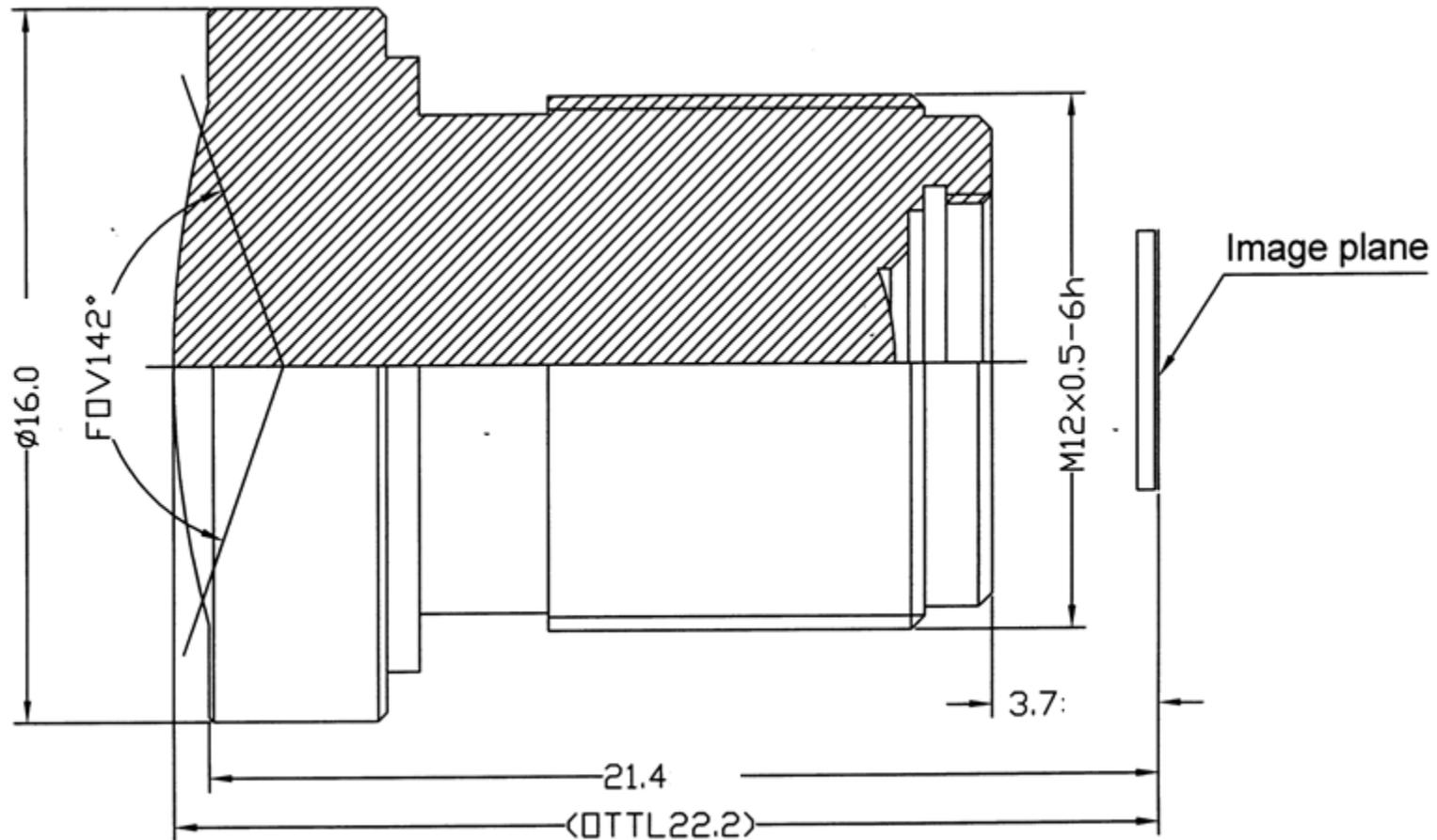


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DSL311A-NIR-F2.8 Mechanical Dimensions [mm]:

Note: DSL311A is intended for use with Sunex CMT822, CMT822 or CMT107 mounts



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