

Excellence in Digital Imaging Optics

Miniature Wide Angle 4K/HDR Lens



Description

The DSL606 lens is a miniature 4K wide-angle, HDR lens designed for HDR or standard sensors up to 1/2" format size. The low F-number, thermal stability and Sunex LowGhost™ HDR characteristics make this lens ideal for security, wearable, drone and video-conferencing applications where high sharpness and environmental stability are required.

Key Features

- HFOV ~ 60° on 1/2" format sensors
- Sunex LowGhost™ HDR
- Excellent low light performance: F/2 aperture
- Compact Board-Mount size

Optical Specifications

Sunex PN DSL606

Description	4K, HDR, Wide-Angle Lens
Imager Format	Up to 1/2"
Nominal Imager Resolution	8MP
Focal length	6.1mm
Relative Aperture (F/#)	2.0
Design Image Circle	8.0mm
Field of View	60° at 6.2mm image circle 80° at 8.0mm image circle
Total Track Length	33.0mm
Distortion	-3% from F-θ
Chief Ray Angle	15° at 8.0mm image circle, linear
IR cut-off filter	IR cutoff at 670nm optional

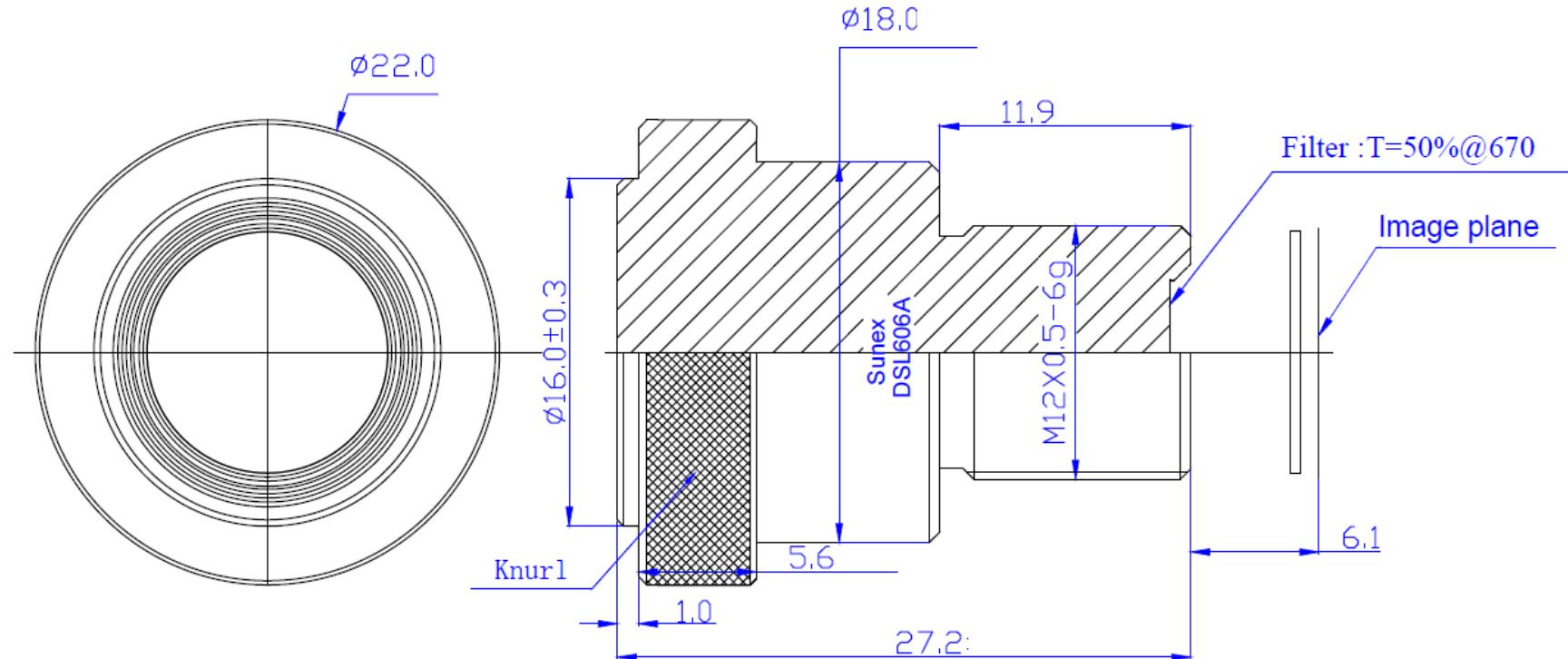
Applications

- Security and Surveillance cameras
- Wearable and Drone cameras
- Video Conferencing

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DSL606A-670-F2.0 Mechanical Dimensions [mm]:

Note: DSL606A is intended for use with Sunex CMT103, CMT107, or CMT822 mounts



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DSL606A-NIR-F2.0 Mechanical Dimensions [mm]:

Note: DSL606A is intended for use with Sunex CMT103, CMT107, or CMT822 mounts

