

4K Wide Angle CS-Mount Lens



Description

The DSL318 lens is a 4k wide angle CS-Mount lens designed to give a 110° horizontal FOV on 1" format imagers with up to 10MP resolution. The high sharpness, high relative illumination and near to F-Theta projection make this lens ideal for Security and Immersive Imaging applications.

Key Features

- CS Mount
- Wide-Angle Field of View
- Set-Screw for adjustable focus

Optical Specifications

Sunex PN DSL318	
Description	Large Format Wide Angle Lens
Imager Format	Up to 1"
Nominal Imager Resolution	10MP
Focal Length	7.0mm
Relative Aperture (F/#)	F/2.4
Image Circle	16.0mm
Field of View	112° @ 13.2mm image circle 142° @ 16.0mm image circle
Total Track Length	54.5mm
Distortion	-7.5% from F-θ
Chief Ray Angle	13° at 16.0mm image circle, linear
IR cut-off filter	Optional 650nm cutoff coating

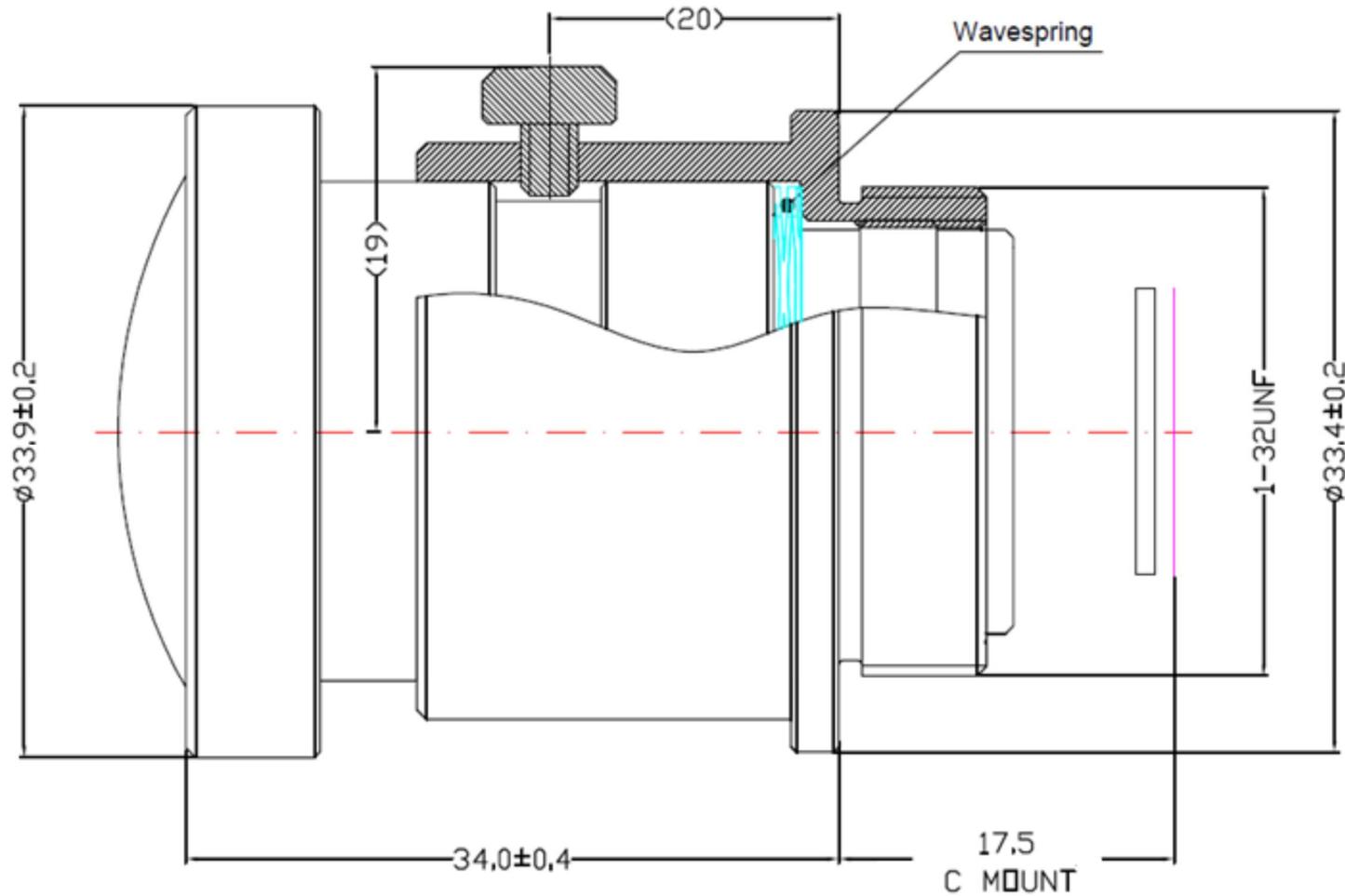
Applications

- Security/Surveillance
- Video Conferencing
- Immersive Imaging

Excellence in Digital Imaging Optics

DSL318D-650-F2.4 and DSL318D-NIR-F2.4 Mechanical Dimensions [mm]:

Note: DSL318D is not compatible with CS-Mount cameras with Flange Distance <math>< 17.526\text{mm}</math>.



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