

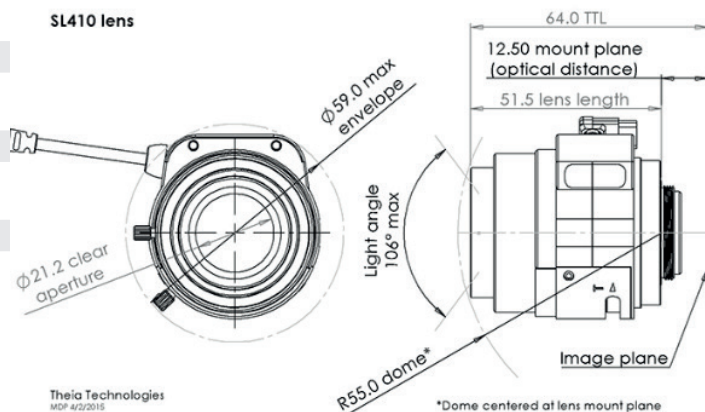
Theia
TECHNOLOGIES



The Theia Technologies 4 - 10mm CS-mount Varifocal lens achieves a 90° - 36° horizontal angle of view on a 1/2.3" sensor. The superior quality of this lens will support sensor technology up to Full 4K 12 megapixel resolution.

The SL410-M combines stunning performance with the highest build quality. Its compact design makes it ideal in fitting into small housing and minidomes. This lens is also available with P-iris SL410-P and DC auto-iris SL410-A. Motorized version are available.

This lens is a perfect lens companion for cameras such as the Ribcage Modified GoPro Hero 6 and 5.



Please contact SeeSense for further details of C and CS-mount lenses we offer:

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Features:

- Full 4K 12MP **4 - 10mm lens**
- Integrates with 1/2.5" - 1/1.7" camera sensors
- Up to 12 megapixel resolution
- Manual iris, zoom and focus
- Auto and P-iris options available
- Motorized options available
- F1.4 to closed aperture
- Robust, precise mechanics
- Compact design - able to fit into a 4" minidome
- Weight 72 grammes

Applications:

- Security
- Film, Broadcast, etc
- Machine Vision / Factory Automation

Specification:

Focal Length	4 - 10mm Varifocal
Image Format	1/2.5" up to 1/1.7"
Image Size	Up to Ø 9.4mm
Maximum Aperture	F1.4 @ 4mm, F2.4 @ 10mm
Aperture Range	F1.4 - Closed (no detente)
Angle of View (H x V)	90° - 36° x 67° - 27° HxV (1/2.3" sensor)
Focussing Range	∞ - 0.5m
Back Focus	None
Minimum Object Distance	0.5m
Modular Transfer Function	TBC
Resolution	True 4K, Up to 12.4 megapixels
I/R Correction	"Day/Night"
Flange Focal Length	12.5mm (in air)
Locking Screws	On zoom, focus and iris
Mount	CS-mount (metal) with Slip Ring
Weight (g)	72 grammes
Dimensions	59mm (Max Diameter) x 51.5mm (Length)
Temperature	Operating -20°C to +60°C Storage -30°C to +70°C

Sensor Size	1/1.7"	1/1.8" 4K	1/2.3"	1/2.5"
FOV* (horizontal)	112° - 44°	110° - 43°	90° - 36°	83° - 33°
FOV* (vertical)	81° - 33°	52° - 21°	67° - 27°	60° - 25°
FOV* (diagonal)	149° - 55°	126° - 48°	117° - 45°	106° - 42°

* FOV = Field of View

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