5 Megapixel Manual 1.8-3mm CS Mount Lens

Ultra wide, no distortion

Theia's SL183 lenses provide ultra wide field of view without distortion. They are varifocal lenses allowing the user to optimize the field of view from wide angle to ultra wide. The lenses incorporate patented Linear Optical Technology®* which allows an ultra wide field of view without barrel distortion found in other wide angle lenses not including Theia's technology. This rectilinear design allows increased resolution at the edges of the image thus increasing the probability of detection. Similar to Theia's other lenses, the SL183 is a high quality lens designed to allow the installer to take full advantage of the high resolution of HD and multi megapixel cameras. The lens can be used on cameras up to five megapixel resolution giving a crisp image from edge to edge. In addition, the SL183 series includes TrueZoom™ which allows the installer to focus the lens once and then adjust zoom or magnification to give the optimized field of view. There is no need for the iterative focus-zoom-focus method of setup required for other varifocal lenses. The lens is IR corrected for use with true Day/Night cameras. This IR correction focuses IR light from artificial illumination at the same plane as the visible light allowing the image to remain in focus when the Day/Night camera switches to night mode. Unlike lenses without IR correction, the night image will not be out of focus when using IR illumination.

KEY FEATURES

- » Patented Linear Optical Technology® provides ultra wide field of view adjustable from 115° to 77° for greater coverage with fewer cameras
- » EasyZoom™ allows the user to optimize the field of view with minimal need for refocusing
- » IR corrected for true Day/Night cameras
- » Supports multi megapixel resolution cameras for demanding applications

PRODUCT SPECIFICATIONS

Lens Specifications	
IR Corrective	Yes
Focus	Manual
Lens Iris	Manual
Lens Mount	CS Mount
Max Focal Length (mm)	3
Max FOV (degrees)	115-77
Min Focal Length (mm)	1.8
Relative Aperture (F-stop)	1.8 to close
Physical Characteristics	
Dimensions: Depth (in)	1.97
Dimensions: Diameter (in)	1.54
Weight (lb)	0.2
Other	
Warranty	1 Year