



SL183 Varifocal Ultra wide No Distortion 5 Megapixel Lens



LINEAR OPTICAL TECHNOLOGY

- ✓ Patented Linear Optical Technology[®] provides **ultra wide** field of view adjustable up to 120° 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
- ✓ Compatible with 1/3", 1/2.7" HD, 1/2.5", 1/2.3" 4K* and 1/2"*** sensor sizes



Typical wide angle lens

- ✓ With **slip ring** for ease of installation & positioning

Lenses	SL183A DC-autoiris	SL183M Manual iris
Mount	CS mount	
Focal length	1.8-3.0mm	
Linear Optical Technology [®]	Yes <i>(Note: this technology causes the image to be flipped)</i>	
Distortion	<1%	
Image circle	Ø7.4mm (at FL 1.3mm)	
Resolution	Up to 5MPix resolution	
F/#	F/1.8 to close	
IR Correction	435-850nm, <10um focal plane shift	
EasyZoom [™]	Yes	
Minimum focus distance	30cm	
Pan focus	.5m ~ ∞	
Lens length (TTL)	60.8 – 62.8mm	
Back focal length (BFL)	6.7 – 8.4mm (depending on focus position)	
Chief ray angle (CRA)	< 15°	
Temperature range	-20C to 60C	
Weight	66g	59g
Iris cable length	30cm	N/A

Fields of view

Sensor size	1/3"	1/2.7" HD	1/2.5"	1/2.3" 4K*
Field of view (H)	105° - 77°	116° - 89°	115° - 88°	120° - 92°
Field of view (V)	90° - 62°	84° - 57°	99° - 71°	104° - 76°
Field of view (D)	117° - 90°	123° - 96°	126° - 100°	130° - 105°

*4K format = 4000 x 2000 pixels

**On 1/2" sensor crop image vertically to eliminate dark corners

Lens drawings

