



adept electronic solutions

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**The Machine Vision and Imaging Specialists**

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# Theia

TECHNOLOGIES

Adept Electronic Solutions  
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## SY125 Lens Ultra wide - Multi Megapixel - No Distortion



- ◆ **Ultra wide** field of view sees the complete image while the operator can digitally pan-tilt-zoom (dPTZ)
- ◆ Patented Linear Optical Technology™ enables a rectilinear lens with very **low distortion** for maximum resolution
- ◆ Supports **multi megapixel** resolution cameras for demanding applications
- ◆ **Pan focus** keeps near and far objects continuously in focus without lens adjustment
- ◆ Available with CS-mount or C-mount and with auto or manual iris

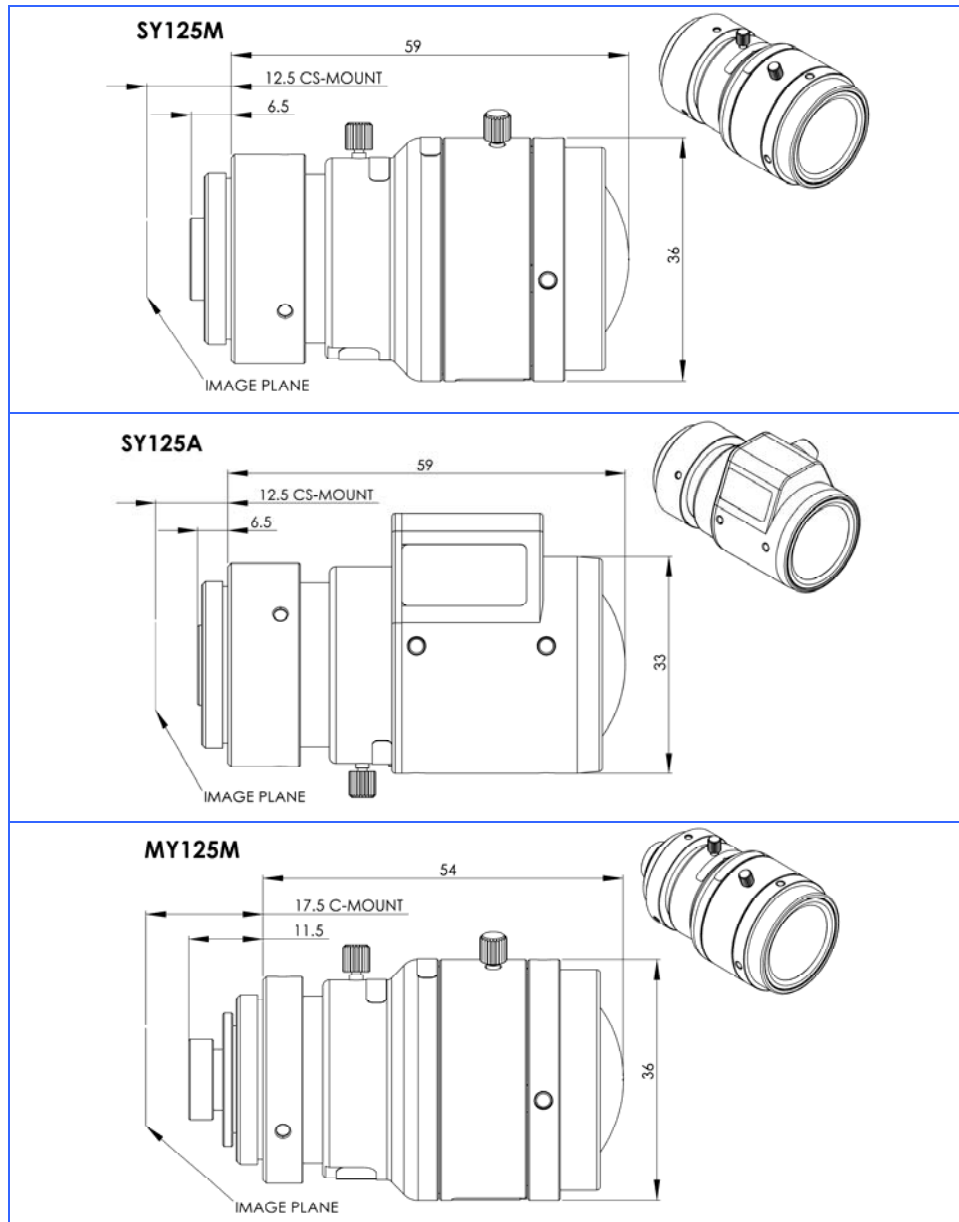


LINEAR OPTICAL TECHNOLOGY

Lenses	<b>SY125M CS-mount manual iris lens</b> <b>SY125A CS-mount DC-autoiris lens</b> <b>MY125M machine vision C-mount manual iris lens</b>		
Sensor size	1/4"	1/3"	1/2.5" *
Field of view (H)	109°	125°	135°
Field of view (V)	93°	109°	119°
Field of view (D)	122°	137°	141°

\*Some vignetting may occur using a 1/2.5" sensor depending on sensor mechanical tolerance.

Lenses	<b>SY125M</b> CS-mount manual iris lens <b>SY125A</b> CS-mount DC-autoiris lens <b>MY125M</b> machine vision C-mount manual iris lens
Focal length	1.3 mm
F/#	F/1.8 to closed
Resolution	Up to 5 megapixels
Distortion (H)	<3% barrel (for 1/3" sensor)
Pan-focus distance	10cm to $\infty$



Theia Technologies, in cooperation with Nittoh Kogaku K.K., Suwa, Japan

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