

MY125M Lens

Ultrawide - Multi Megapixel - No Distortion



125° without 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



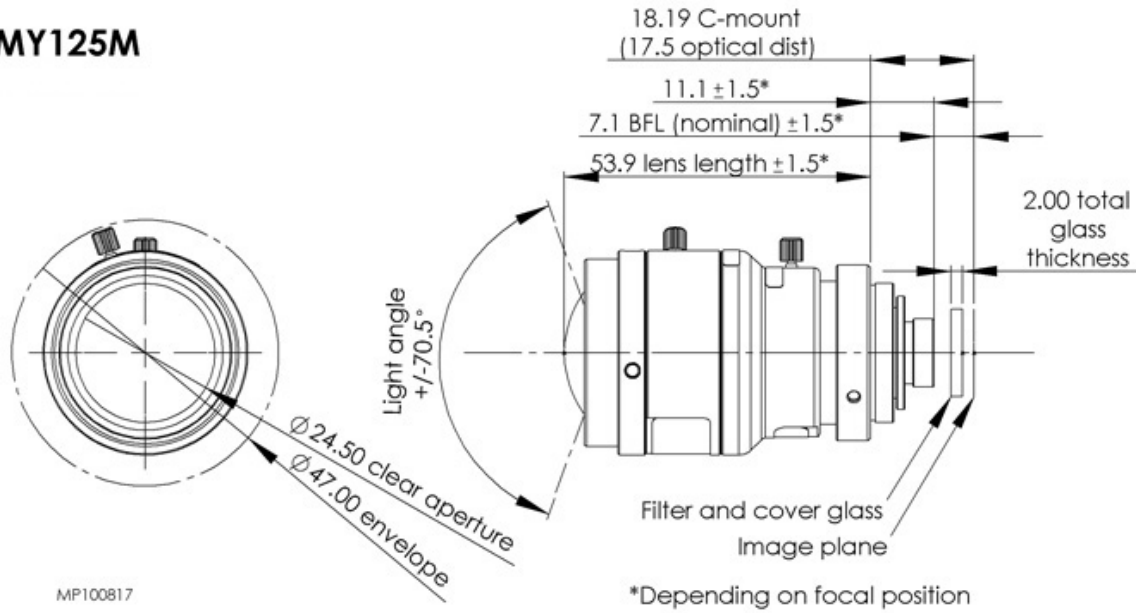
Typical wide angle lens

| | |
|--|---|
| Lens | MY125M |
| Mount type | C-mount |
| Iris type | Manual |
| Focal length | 1.3 mm |
| F/# | F/1.8 to closed |
| Image circle | 6.9mm |
| Resolution | Up to 5 megapixels |
| Distortion (H) | <3% barrel (for 1/3" sensor) |
| Linear Optical Technology [®] | Yes (<i>note: this technology causes the image to be flipped</i>) |
| Pan-focus distance | 0.3m to ∞ |
| Minimum focus distance | 0.1m |
| Back focal length | 6.4mm (+/- depending on focus distance) |
| Weight | 99g |

| | | | |
|-------------------|-------------|-------------|-----------------|
| 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.

MY125M



For further information, contact:

Theia Technologies
 info@TheiaTech.com
www.TheiaTech.com
 Phone: 503-570-3296