

Special Type of Lens: Variable Magnification Telecentric	
Physical & Mechanical Properties	
Variable	Iris Option:
177.90	Length (mm):
65.0	Maximum Diameter (mm):
942	Weight (g):
Optical Properties	
75 lp/mm @ >20%	Resolution:
11.00	Maximum Image Circle (mm):
<0.1	Typical Telecentricity @ 588nm (°):
<0.1	Typical Distortion @ 588nm (%):
0.25X - 0.5X	Primary Magnification PMAG:
100.1 - 145	Working Distance (mm):
FOV @ Max Sensor Format, H x V (mm): 35.2 x 26.4 - 17.6 x 13.2	
Aperture (f/#): f/6 - Closed	
Depth of Field (mm): Variable	
Lens Wavelength Range: VIS	
Sensor	
Maximum Sensor Format: 2/3"	
Pixel Size (µm): 2.74	
Threading & Mounting	
Filter Thread: M62 x 0.75 (Female)	
Mount: C-Mount	
Regulatory Compliance	
Certificate of Conformance: View	

Product Details

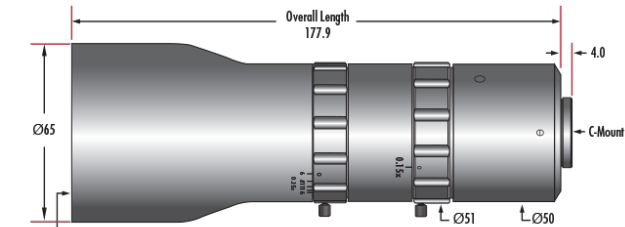
- Variable Magnification Telecentric Lens
- Up to 5 MegaPixels, 3.45µm Pixel Size Sensors
- 2/3", C-Mbunt Telecentric Lens
- Magnification from 0.15X to 3X

TECHSPEC® VariMagTL™ Telecentric Lenses are designed for applications that may require constant adjustment of a system's field of view. Each lens provides a range of magnifications that users can adjust or lock down with a set screw. With coverage for up to 2/3" format sensors, these telecentric lenses feature compact, C-mount compatible designs for easy system integration. TECHSPEC VariMagTL™ Telecentric Lenses also include an adjustable iris to control light throughput and improve image quality. These lenses are ideal for use in semiconductor or electronics inspection and [factory automation](#) applications.

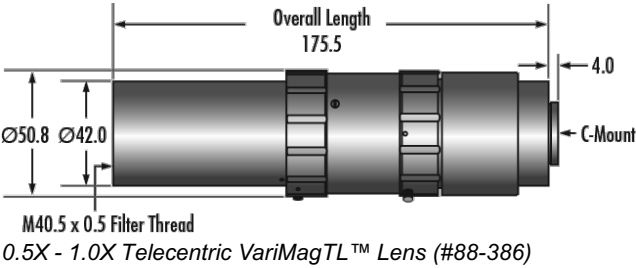
These lenses won the [Silver Level 2015 Innovators Award](#).

Note: Customized fixed versions are also available to meet volume requirements. Please contact [technical support](#) to discuss your specific requirements.

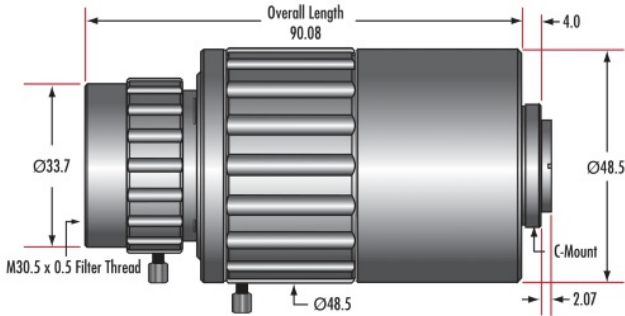
Technical Information



0.25X - 0.5X Telecentric VariMagTL™ Lens (#88-385)



0.5X - 1.0X Telecentric VariMagTL™ Lens (#88-386)



1.0X - 3.0X Telecentric VariMagTL™ Lens (#88-387)

0.25X-0.50X Telecentric Lens, #88-385						
Magnification	0.25X	0.30X	0.35X	0.40X	0.45X	0.50X
Working Distance (mm)	145	124.5	112	104	100.2	100.1
Field of View (mm)*	35.2	29.3	25.1	22	19.6	17.6
0.5X - 1.0X Telecentric Lens, #88-386						
Magnification	0.5X	0.6X	0.7X	0.8X	0.9X	1.0X
Working Distance (mm)	115	106	102	100	100	100
Field of Vew (mm)*	17.6	14.67	12.6	11	9.78	8.8
1.0X - 3.0X Telecentric Lens, #88-387						
Magnification	1.0X	1.5X	2.0X	2.5X	3.0X	
Working Distance (mm)	71.6	61	55.6	52.4	50.3	
Field of Vew (mm)*	8.8	5.87	4.4	3.5	2.93	