

TECHSPEC[®] 1.0X - 3.0X VariMagTL™ Telecentric Lens



1.0X - 3.0X VariMagTL™ Telecentric Lens, #88-387



Stock **#88-387** 20+ In Stock

-

1

+

€2.020^{.00}

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Volume Pricing	
Qty 1+	€2.020,00 each
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Product Downloads

SPECIFICATIONS

General

VariMag TC Series

Series:

Includes adapter to switch from 1.0X - 2.0X to 2.0X - 3.0X		Note:
Telecentric Lens		Type:
Variable Magnification Telecentric		Special Type of Lens:
Physical & Mechanical Properties		
Variable		Iris Option:
154.00		Length (mm):
48.0		Maximum Diameter (mm):
296		Weight (g):
154		Maximum Length (mm):
90		Minimum Length (mm):
Optical Properties		
75 lp/mm @ >20%		Resolution:
11.00		Maximum Image Circle (mm):
<0.1		Typical Telecentricity @ 588nm (°):
<0.1		Typical Distortion @ 588nm (%):
1.0X - 3.0X		Primary Magnification PMAG:
50.3 - 71.6		Working Distance (mm):
8.8 x 6.6 - 2.9 x 2.2		FOV @ Max Sensor Format, H x V (mm):
f/6 - Closed		Aperture (f/#):
Variable		Depth of Field (mm):
VIS		Lens Wavelength Range:
Sensor		
2/3"		Maximum Sensor Format:
2.74		Pixel Size (µm):
Threading & Mounting		
M30.5 x 0.50 (Female)		Filter Thread:
C-Mbunt		Mount:
Regulatory Compliance		
View		Certificate of Conformance:

PRODUCT DETAILS

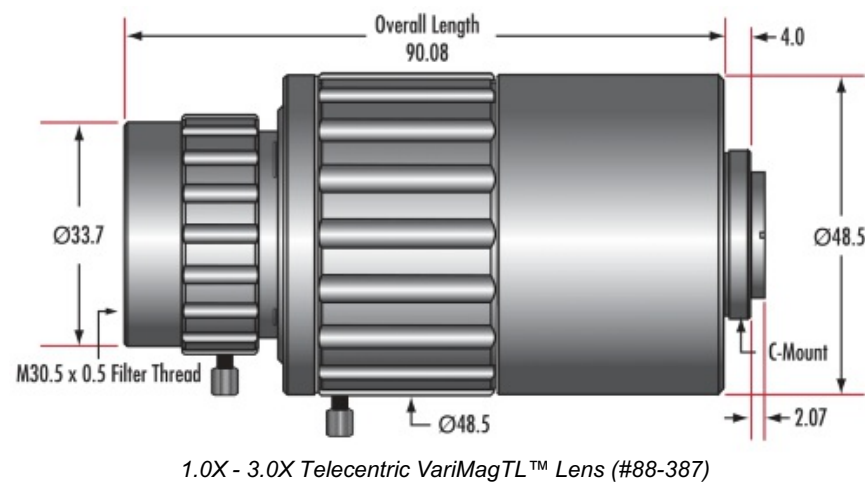
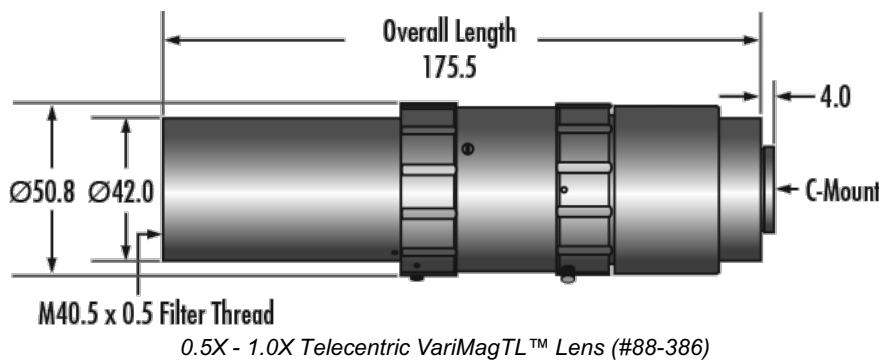
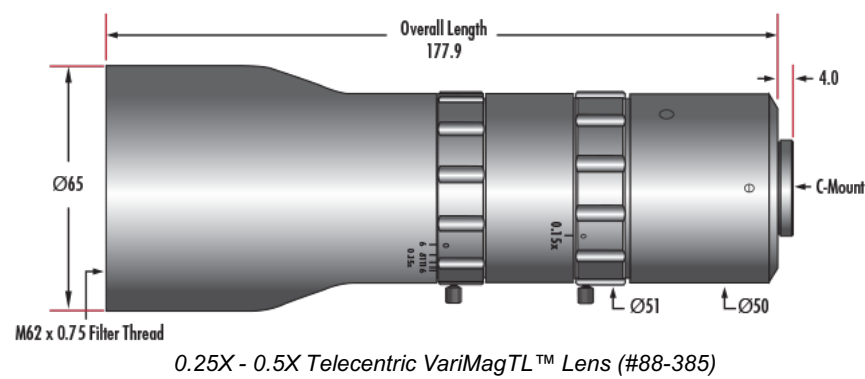
- Variable Magnification Telecentric Lens
- Up to 5 MegaPixels, 3.45µm Pixel Size Sensors
- 2/3", C-Mount Telecentric Lens
- Magnification from 0.15X to 3X

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-0.50X 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 View (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 View (mm)*	8.8	5.87	4.4	3.5	2.93	