

**TECHSPEC® 1.0X - 3.0X VariMagTL™ Telecentric Lens**



VisionSystems



**Innovators  
Awards**

**SILVER**

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



Stock **#88-387** **1 In Stock**

⊖ 1 ⊕ MRP ₹2,01,249

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing

Qty 1+	₹2,01,249 each
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General

VariMag TC Series

**Product Family:**

**Note:**  
Includes adapter to switch from 1.0X - 2.0X to 2.0X - 3.0X

Telecentric Lens

**Type:**

Special Type of Lens:  
Variable Magnification Telecentric

## 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-Mount Mount:

## Regulatory Compliance

[View](#) Certificate of Conformance:  
China Country of Origin:  
Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

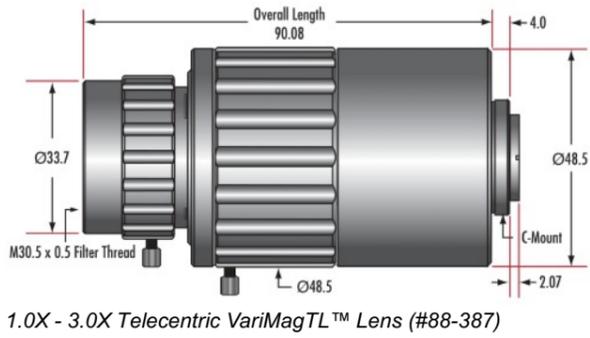
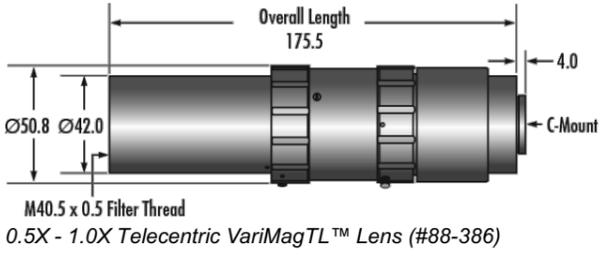
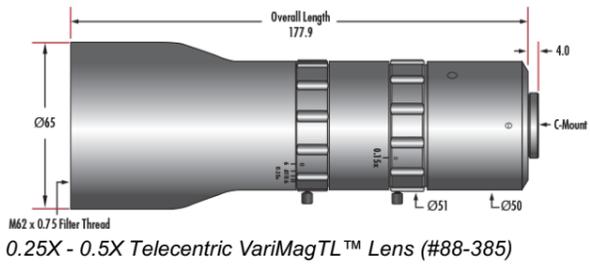
- Variable Magnification Telecentric Lens
- Up to 5 MegaPixels, 3.45µm Pixel Size Sensors
- 2/3", C-Mount Telecentric Lens
- Magnification from 0.15X to 3X

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	