

VZM™ 1000i Zoom Imaging Lens



VZM™ 1000i

Stock **#55-834** **4 In Stock**

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1

+

C\$1,974⁰⁰

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General

High Magnification Zoom Lens

Type:

Physical & Mechanical Properties

247.00

Length excluding Threads (mm):

50.00

Maximum Diameter (mm):

326.00

Weight (g):

Optical Properties	
Horizontal Field of View, 2/3" Sensor:	3.52 - 0.88mm
Horizontal Field of View, 1/2" Sensor:	2.56 - 0.64mm
Working Distance Tolerance (mm):	±1
Resolution, Object Space:	102.5 - 228
Resolution, Image Space:	41 - 22.8
Zoom Ratio:	4:1
Primary Magnification PMAG:	2.5X- 10X
Working Distance (mm):	35.00
Lens Wavelength Range:	VIS

Sensor	
Maximum Sensor Format:	2/3"

Threading & Mounting	
Filter Thread:	M22.5 x 0.50
Mount:	C-Mount

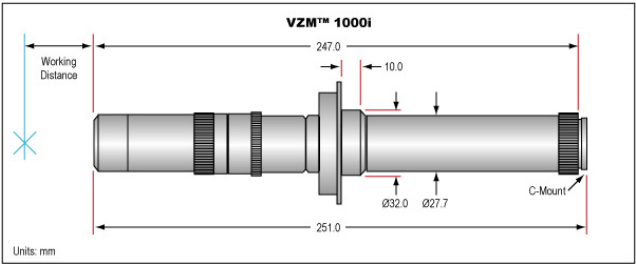
Regulatory Compliance	
RoHS 2015:	Exempt
Certificate of Conformance:	View
REACH 241:	Contains SVHC(s)

Product Details

- Designed to Accomodate up to 2/3" Sensor Size Formats
- Dependable, Versatile Performance in Compact Designs
- Analog and Digital [Imaging Systems](#) Available

VZM™ Zoom Imaging Lenses enable inspection of a wide range of objects without the inconvenience of changing working distances. In addition, the parfocal zoom allows magnifications to be easily changed without refocusing. These economical lenses are available in working distances ranging from 35mm to 175mm and offer a maximum 2/3" sensor format. Iris versions (i-series) all have locking iris, front filter thread, removable mounting flange, and optional zoom lock. All lenses have a 50mm diameter flange (removable on iris versions except 450i Right Angle) for mounting. VZM™ Zoom Imaging Lenses are ideal for inspection of integrated circuits and solder joints. Also suited for quality control and laboratory inspection needs, as well as surface analysis.

Technical Information



VZM Model	100i	200i	300	300i	450	450i	600i	1000	1000i
Zoom Ratio	4:1	4:1	4:1	4:1	6.4:1	6:1	6:1	4:1	4:1
Magnification	0.25 - 1X	0.5 - 2X	0.75 - 3X	0.75 - 3X	0.7 - 4.5X	0.75 - 4.5X	1 - 6X	2.5 - 10X	2.5 - 10X
Manual Iris	☐	☐		☐		☐	☐		☐
Rotatable Mount	☐	☐		☐		☐	☐		☐
Zoom Lock Adapter	☐	☐		☐		☐	☐		☐
Motorized Version			☐		☐			☐	
Right Angle Version						☐			

Primary Magnification	With 0.5X Lens

