

NEW DYNAMIC FOCUS VZM™ LENS



- ❑ Electronically Adjust Focus with Integrated Liquid Lens
- ❑ Overcomes Depth of Field Limitations
- ❑ Includes Software for Focus Tuning

The Dynamic Focus VZM™ Lens utilizes an internal liquid lens to easily and seamlessly adjust focus over a 7X range, from 0.65X to 4.6X, while maintaining the zoom capabilities of the standard VZM™ Zoom Imaging Lenses. The lens also features a lockable iris, zoom control, and a rotatable mount that allows the camera to be properly oriented. Additionally, a removable mounting flange allows the lens to fit into the 50 mm diameter thru hole of the Rack and Pinion Mount #03-609. The liquid lens focus can be controlled via the ruggedized 6-pin HIROSE connector and a USB port, while course magnification adjustments can be made manually. The included software allows the Dynamic Focus VZM™ Lens to be programmed to cycle through focus with a square, sinusoidal, or sawtooth waveform or adjustable frequency and focus-shift range. Note: For illumination purposes, it is recommended to use the 1.125" inner diameter fiber optic ring light (#54-175), which can connect to any of our fiber optic illuminators.

DYNAMIC FOCUS VZM™ LENS

Maximum Sensor Format	2/3"
Primary Magnification	0.65X - 4.6X
Parfocal Working Distance	87 mm ±3 mm
Filter Thread	M22.5 x 0.5
Overall Length	248 mm
Stock No.	#89-999

ACCESSORIES

Description	Stock No.
Lens Driver Stock Number	#88-940
HIROSE Cable Stock Number	#88-941

SPECIFICATIONS

Magnification Setting	0.75X	1X	2X	3X	4X	4.5X
Magnification Range	0.65X - 1.15X	0.9X - 1.2X	1.5X - 2.0X	2.4X - 3.0X	3.2X - 4.0X	3.7X - 4.6X
Working Distance (mm)	20 - 101	20 - 100	54 - 90	75 - 90	82 - 90	84 - 90
Horiz. Field of View, 2/3" Sensor (mm)	13.5 - 7.7	9.8 - 7.3	5.9 - 4.4	3.7 - 2.9	2.8 - 2.2	2.4 - 1.9
Horiz. Field of View, 1/2" Sensor (mm)	9.8 - 5.6	7.1 - 5.3	4.3 - 3.2	2.7 - 2.7	2.0 - 1.6	1.7 - 1.4

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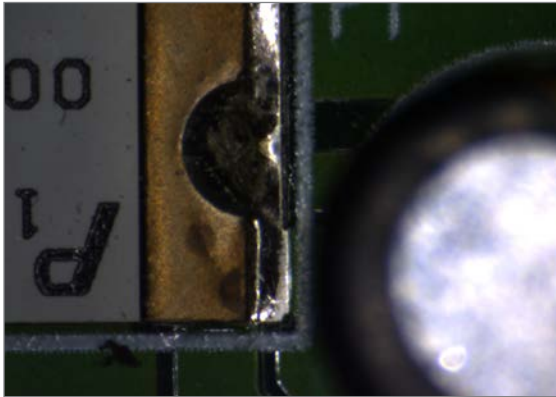


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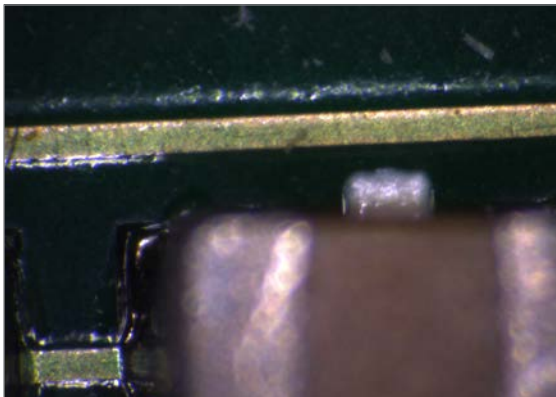
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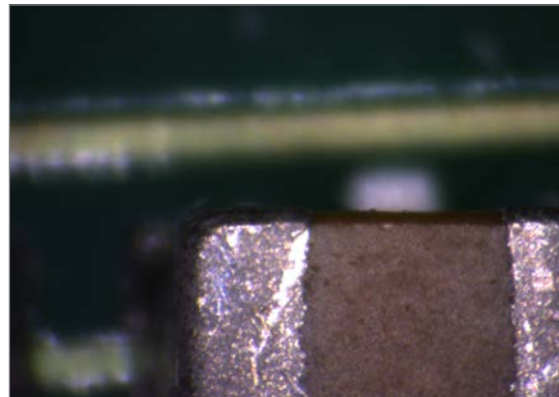
0.75X at Far Focus



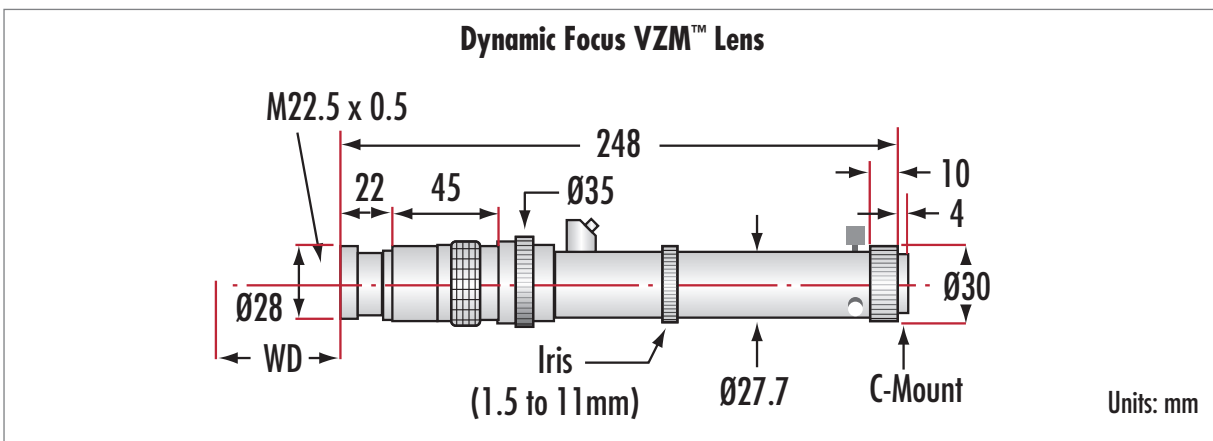
0.75X at Near Focus



3.0X at Far Focus



3.0X at Near Focus



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