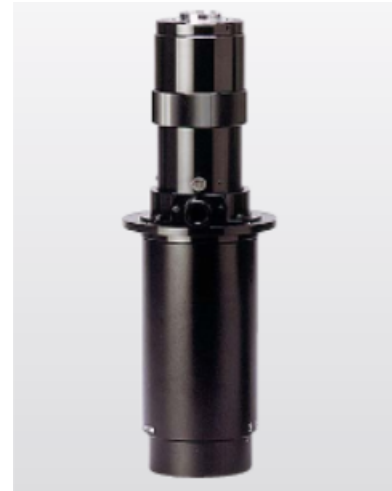


High-Performance Low Magnification Zoom Lens

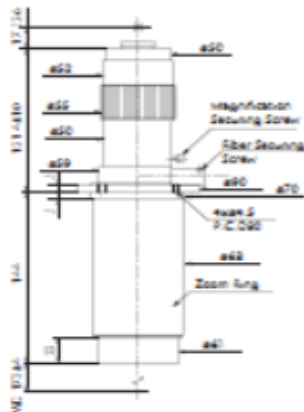
ML-Z0220D

With the largest zoom ratio of any standard telecentric zoom lens, this manual zoom type model covers a wide range of FOVs (Field of Views). It also offers integrated coaxial lighting & filters.

- Magnification range: 0.2x-2x (zoom ratio of 10:1)
- WD=173mm
- Includes a uniform coaxial illumination function that covers the entire view.
- Dedicated, integrated coaxial light guide (super random type), L = 800mm, & color filters are attached (red & green).



ML-Z0220D



Model	Magnification	O/I	WD	Motor Option	Zoom Position	Resolution	Depth of Field	NA	Effective F No	TV Distortion	Largest Compatible Camera	Weight
ML-Z0220D	x0.2 - x2 (Zoom ratio of 10:1)	456 mm	173 mm	Not Available (Manual Zoom)	at 0.2x	12µm	7mm	0.03	3.6	0.03% or less	1/2"	1100g
					at 1.0x	7.8µm	0.9mm	0.04	11.5	0.15% or less		
					at 2.0x	7µm	0.4mm	0.05	20	0.13% or less		

* Depth of field is calculated assuming a horizontal 240TV resolution using a 1/2" CCD camera. (Permissible circle of confusion on the image formation side: 40µm)
 * Resolution values indicate the theoretical resolution at a wavelength of 550nm.



945 East 11th Avenue Tampa, FL 33605

Phone: (813) 984-0125

Contact: Sales@ pyramidimaging.com

<https://pyramidimaging.com>