

High Performance Macro Zoom Lens

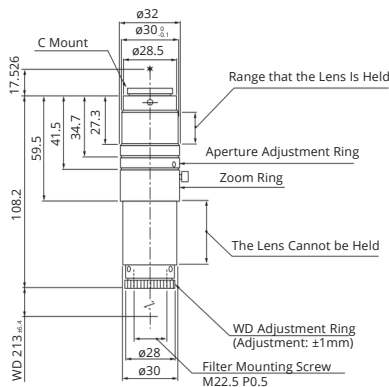
ML-Z0108

High performance macro lens with 8:1 magnification ratio and long working distance. By using the focus ring on the end, working distance can be changed within a range of 20mm.

- **Zoom ratio of 8:1. Magnification range of 0.1x~0.8x**
- **WD=213mm**
- **Focus adjustment ± 20 mm (magnification variation $\pm 13\%$)**
- **Iris, focus, and zoom are adjustable**
- **Equipped with locking screws**



ML-Z0108



Model	Magnification	WD	Motor Option	Zoom Position	Effective F No	Depth of Field	Resolution	TV Distortion	Operation Function	Weight	Largest Compatible Camera
ML-Z0108	0.1x to 0.8x (Zoom Ratio of 8:1)	213 mm	Not available (Manual Zoom)	at 0.1x	8.2	32.8mm	55μm	- 0.02% or less	Manual (Adjusting Aperture, Zoom, and Focus)	140g	1/2"
				at 0.4x		2.1mm	14μm	0.18% or less			
				at 0.8x	9.3	0.6mm	8μm	0.17% 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.