

Mega Pixel Macro Zoom Lens

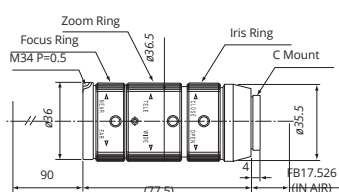
MLH-3XMP



This high-performance macro zoom lens supports cameras of the 1 million pixel class. The zoom range is 0.3×~1× by optical magnification. The resolution of 100/mm or more is realized at the center and periphery of the entire zoom range. Combination with a mega pixel camera realizes wide-range image recognition with excellent contrast.

- **Zoom:** Optical magnification of 0.3×~1×
- **WD=90mm**
- **Variable focus**
- **Variable iris Effective F no 4.5~Close**
- **Equipped with screws to lock movable parts (Zoom, focus, and iris)**
- **Maximum compatible camera format ~2/3"**
- **C mount**

MLH-3XMP



Model	MLH-3XMP
Magnification	0.3× to 1× (Manual Zoom)
O/I	185mm
WD	90mm
F no	4.5~Close
Filter Screw	M34 P=0.5
Weight	150g
Largest Compatible Camera	2/3"

10× Zoom Lens

MLH-10X

A wide zoom ratio lens developed for large field of view imaging. Zoom ratio of 10:1 at a working distance of 150mm to 450mm by adjusting the focus. This lens can be used for FA, laboratory work, weak eyesight correction, and environment-related projects.



MLH-10X

- **Zoom ratio of 10:1 (Magnification range: 0.084×(min)~0.84×(max))**
- **WD=450mm(min)~150mm(max)**
- **Iris, focus, and zoom are adjustable**
- **Equipped with locking screws**

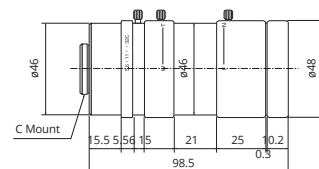


Chart for Field of View

WD	Magnifications	Field of View	
		1/2" (Length mm × Width mm)	1/3" (Length mm × Width mm)
150mm	0.086× ~ 0.84×	55.8 × 74.4 ~ 5.7 × 7.6	42 × 56 ~ 4.3 × 5.7
200mm	0.06× ~ 0.58×	80 × 107 ~ 8.3 × 11	60 × 80 ~ 6.2 × 8.3
250mm	0.045× ~ 0.44×	107 × 142 ~ 10.9 × 14.5	80 × 107 ~ 8.2 × 10.9
300mm	0.037× ~ 0.36×	130 × 173 ~ 13.3 × 17.8	97 × 130 ~ 10 × 13.3
350mm	0.031× ~ 0.3×	155 × 206 ~ 16 × 21.3	116 × 155 ~ 12 × 16
400mm	0.026× ~ 0.25×	185 × 246 ~ 19.2 × 25.6	138 × 185 ~ 14.4 × 19.2
450mm	0.023× ~ 0.22×	209 × 278 ~ 21.8 × 29.1	157 × 209 ~ 16.4 × 21.8

Model	MLH-10X
Magnification	0.084× to 0.84× (Zoom Ratio of 10:1)
WD	150~450mm
Iris	F5.6~Close
Filter Size	M46 P=0.75
Weight	233g
largest Compatible Camera	1/2"