

# MLH-10X

**10X**  
**for 1/2 type Cameras, Macro Zoom**  
**C-Mount**

Model No.		MLH-10X		Effective	Front	Ø30mm	
Max. Magnification		0.084mm - 0.84mm		Lens Aperture	Rear	Ø6.6mm	
Max. Aperture Ratio		1:5.6		Back Focal Length		23.29mm	
Max. Image Format		6.4mm x 4.8mm(Ø8mm)		Flange Back Length		17.526mm	
Operation Range	Iris	F5.6 - F32C		Mount		C-Mount	
	Focus	0.15m - 0.45m		Filter Size		M46 P=0.75mm	
				Dimensions		Ø48mm x 98.5mm	
Control	Iris	Manual		Weight		260g	
	Focus	Manual					
	Zoom	Manual					
Object Size(1/2 type CCD)	Working	152.4mm(6")	92.2mm - 9.6mm(D)	74.6mm - 7.8mm(H)	56.4mm - 5.9mm(V)		
	Distance	457.2mm(18")	349.4mm - 34.6mm(D)	279.2mm - 28.0mm(H)	208.8mm - 21.2mm(V)		
Object Size(1/3 type CCD)	Working	152.4mm(6")	70.1mm - 7.3mm(D)	56.4mm - 5.9mm(H)	42.4mm - 4.4mm(V)		
	Distance	457.2mm(18")	261.6mm - 26.4mm(D)	208.8mm - 21.2mm(H)	156.2mm - 16.0mm(V)		
Object Size(1/4 type CCD)	Working	152.4mm(6")	53.0mm - 5.6mm(D)	42.4mm - 4.4mm(H)	31.8mm - 3.4mm(V)		
	Distance	457.2mm(18")	208.8mm - 21.2mm(D)	156.2mm - 16.0mm(H)	117.0mm - 12.0mm(V)		
Angle of View	D	1/2 type	21.6° - 4.5°	1/3 type	17.0° - 3.3°	1/4 type	13.0° - 2.5°
	H		18.0° - 3.6°		13.8° - 2.7°		10.6° - 2.0°
	V		13.8° - 2.7°		10.6° - 2.0°		8.0° - 1.5°
Operating Temperature		-20°C - +50°C					

**1/2**  
type

**C**

\* For CS-Mount camera, please use 5mm adapter ring.  
M.O.D. : Minimum Object Distance

**Dimensions**

