

TEC-M55MPW

f=55mm, F3.0

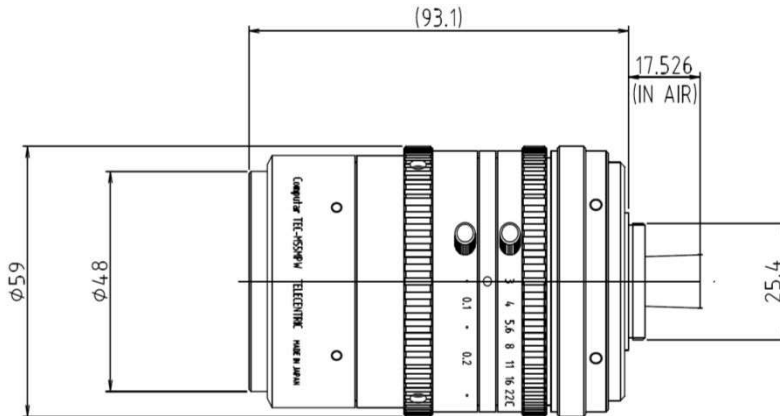
for 2/3 type Cameras, 5 Megapixel

C-Mount

Model No.	TEC-M55MPW		Effective	Front	φ 30.8mm
Focal Length	55mm		Lens Aperture	Rear	φ 10.7mm
Magnification	0.057X - 0.5X		Distortion	2/3 type	0.5% at 0.057X(y=5.5)
Max. Image Format	8.8mm x 6.6mm(φ 11mm)				0.6% at 0.5X(y=5.5)
Operation Range	Iris	F3.0 - F22C	Back Focal Length		17.0mm
	Focus	0.14m - 1m	Flange Back Length		17.526mm
Control	Iris	Manual	Mount		C-Mount
	Focus	Manual	Filter Size		M46.0 P=0.75mm
Object Dimension at M.O.D.	17.4mm(H) x 13.1mm(V) 2/3"		Dimensions		φ 59mm x 93.1mm
Relative illumination	94%(at 0.057X)		Weight		400g
	81%(at 0.5X)		Operating Temperature		-10°C - +50°C

M.O.D. : Minimum Object Distance

Dimensions



Field of View at Working Distance

WD	Mfg.	Field of View(HxV)	
		2/3" type camera	1/2" type camera
1000mm	0.057X	154.3 x 115.7mm	112.2 x 84.2mm
800mm	0.072X	122.2 x 91.6mm	88.8 x 66.6mm
600mm	0.097X	90.7 x 68.0mm	65.9 x 49.4mm
400mm	0.150X	58.6 x 44.0mm	42.6 x 32.0mm
200mm	0.323X	27.2 x 20.4mm	19.8 x 14.8mm
140mm	0.504X	17.4 x 13.1mm	12.6 x 9.5mm