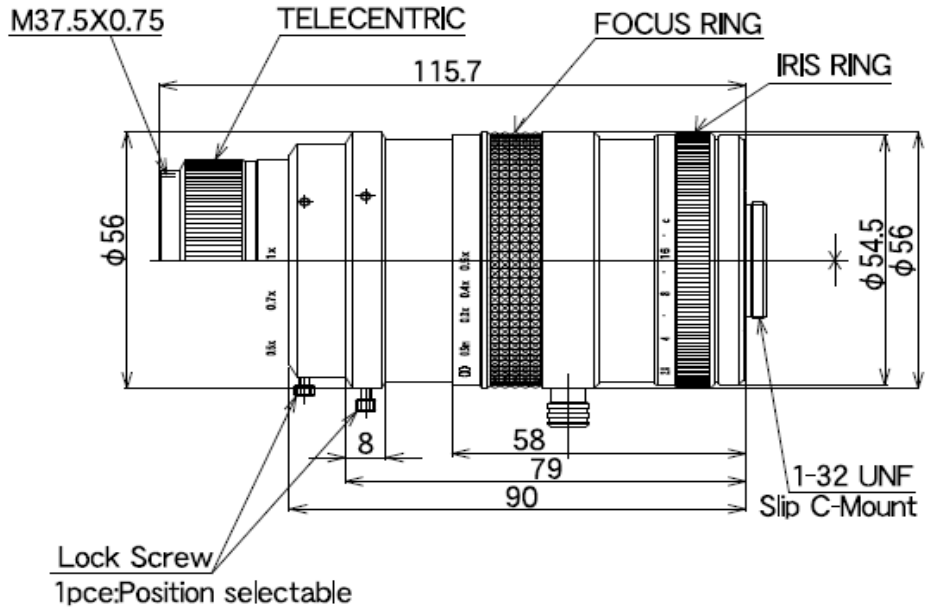


LM50TC



Model	LM50TC
Focal Length (mm)	50
Image Size (mm)	2/3" ($\phi 11$)
Focusing Range (m)	F2.8~Close
Iris Control	Manual
Focus Control	Manual
Magnification	0.5X~1.0X
Angle of View (degrees)	10X7.5
	7.3X 5.5
	5.5X4.1
Corner Brightness	97%
Distortion (TV)	0.1% (1.0X)
	-0.3% (0.5X)
Back Focus in Air (mm)	22
Mount	C-Mount
Filter Size (mm)	M37.5XP0.5
Weight (g)	317
Temperature Range	-10°C ~ 45°C

LM50TC Field of View

WD (mm)	Optical Mag.	2/3"		1/2"		1/3"	
		H	V	H	V	H	V
Variable Telecentric Range							
85	1.0X	8.8	6.6	6.4	4.8	4.8	3.6
	0.7X	12.6	9.4	9.1	6.9	6.9	5.1
115	0.5X	17.6	13.2	12.8	9.6	9.6	7.2
Infinity Range							
200	0.29X	30.5	22.9	22.2	16.6	16.6	12.5
300	0.18X	47.8	35.8	34.7	26	26	19.5
500	0.11X	82.9	62.1	60.2	45.2	45.2	33.9
1000	-	170.7	128	124.1	93.1	93.1	69.8
3000	-	348	260.8	253	189.7	189.7	142.3

LM50TC Field of View (in inches)

WD (inches)	Optical Mag.	2/3"		1/2"		1/3"	
		H	V	H	V	H	V
Variable Telecentric Range							
3.34	1.0X	0.35	0.26	0.25	0.19	0.19	0.14
	0.7X	0.5	0.37	0.36	0.27	0.27	0.2
4.5	0.5X	0.69	0.52	0.5	0.38	0.38	0.27
Infinity Range							
7.87	0.29X	1.2	0.9	0.87	0.65	0.65	0.49
11.81	0.18X	1.88	1.4	1.36	1.02	1.02	0.77
19.68	0.11X	3.26	2.44	2.37	1.78	1.78	1.33
39.37	-	6.72	5.04	4.89	3.66	3.66	2.75
118.11	-	13.7	10.27	9.96	7.47	7.47	5.6