

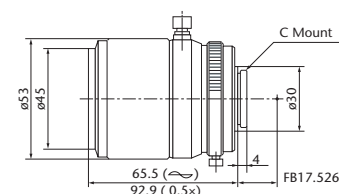
Telecentric FA Lens CCTV

MTE-55

The MTE-55 lens adopts F2.8/ f=55mm telecentric optical system that reduces angle and magnification errors when observing objects. Accurate telecentric performance is achieved when combined with the optional lens MTE2 with at a magnification of 0.4x ~ 0.9x. Although no telecentric effect is achieved at the magnification of infinity ~ 0.4x, it is designed to correct aberrations far better than regular lenses.



MTE-55



Model	MTE-55
Magnification	Infinity to 0.5x (when dedicated converter is used. 1.0x at max)
Focal Distance f (mm)	55
F No	2.8~close
Photographing Distance	Infinity to 140mm
Optical Distortion	0.6% at max
Marginal Light Quantity	78.50%
Filter Size	M43 P0.75
Largest Compatible Camera	2/3"
Weight	320g

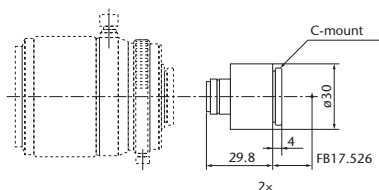
Chart for Field of View by Camera Size (MTE-55)

WD (mm)	MTE-55				Optical Magnification
	2/3" (Length x Width)	1/2" (Length x Width)	1/3" (Length x Width)		
5000	550x733	415x550	300x400		x0.012
3000	330x440	240x320	170x220		x0.02
1000	132x176	090x120	61x82		x0.05
500	55x73	40x53	30x40		x0.12
300	31x41	24x32	17x22		x0.21
200	22x29	15x20	11x15		x0.3
140	13x18	10x13	7x10		x0.48

Accessories

×2 Converter Lens MTE2

MTE2



×0.75 Converter Lens MTE075

MTE075

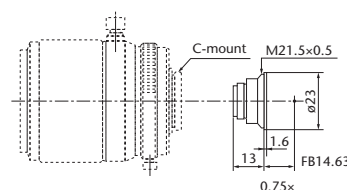


Chart for Field of View by Camera Size(MTE-55+MTE2)

WD (mm)	MTE-55 +2xConverter Lenses (MTE2)				Optical Magnification
	2/3" (Length x Width)	1/2" (Length x Width)	1/3" (Length x Width)		
5000	275x366	207x275	150x200		x0.024
3000	165x220	120x160	85x110		x0.04
1000	66x88	45x60	30x41		x0.1
500	27x36	20x26	15x20		x0.24
300	15x20	12x16	8x11		x0.42
200	11x14	07x10	5x7		x0.6
140	6x9	5x6	3x5		x0.9

Chart for Field of View by Camera Size(MTE-55+MTE075)

WD (mm)	MTE-55 +0.75xConverter Lenses (MTE075)				Optical Magnification
	2/3" (Length x Width)	1/2" (Length x Width)	1/3" (Length x Width)		
5000	733x977	553x733	400x533		x0.009
3000	440x586	320x426	226x293		x0.015
1000	176x234	120x160	081x109		x0.03
500	73x97	53x70	40x53		x0.09
300	41x54	32x42	22x29		x0.15
200	29x38	20x26	14x20		x0.22
140	17x24	13x17	9x13		x0.36