

Description	Bi-telecentric series (TC)				
Model	TC23016	TC23036	TC23048	TC23064	TC23096
	Main optical specifications				
Magnification	0.528	0.243	0.184	0.138	0.093
Image circle diameter (mm)	11	11	11	11	11
Max sensor size	2/3"	2/3"	2/3"	2/3"	2/3"
	Field of view (diameter x height)				
1/3"	9.09 x 6.82	19.75 x 14.81	26.09 x 19.57	34.78 x 26.09	51.61 x 38.71
1/2.5"	10.80 x 8.11	23.46 x 17.61	30.98 x 23.26	41.30 x 31.01	61.29 x 46.02
1/2"	12.12 x 9.09	26.34 x 19.75	34.78 x 26.09	46.38 x 34.78	68.82 x 51.61
1/1.8"	13.50 X 10.09	29.34 x 21.93	38.75 x 28.97	51.67 x 38.62	76.67 x 57.31
2/3"	16.10 X 13.43	34.98 x 29.18	46.20 x 38.53	61.59 x 51.38	91.40 x 76.24
	Advanced optical specifications				
Working distance	43.1	102.5	132.9	181.8	278.6
Working f/N	8	8	8	8	8
Telecentricity typical (max)	< 0.06(0.10)	< 0.04(0.08)	< 0.08(0.10)	< 0.05(0.08)	< 0.06(0.08)
Distortion typical (max)	< 0.04(0.07)	<0.04(0.10)	<0.05(0.10)	<0.03(0.07)	<0.04(0.08)
Field depth	1.5	7	12.2	21.7	47.9

Description	Bi-telecentric series (TC)
Model	TCLWD050
	Main optical specifications
Magnification	0.5
Image circle diameter (mm)	11
Max sensor size	2/3"
	Field of view (diameter x height)
1/3"	9.60 x 7.20
1/2.5"	11.40 x 8.56
1/2"	12.80 x 9.60
1/1.8"	14.26 x 10.66
2/3"	17.00 x 14.18
	Advanced optical specifications
Working distance	132.3
Working f/N	12
Telecentricity typical (max)	< 0.04(0.06)
Distortion typical (max)	< 0.1(0.2)
Field depth	2.5
Resolution	15

Description	Bi-telecentric series (TC)
Model	TC16M080
	Main optical specifications
Magnification	0.463
Image circle diameter (mm)	43.3
Max sensor size	35mm Full Frame
	Field of view (diameter x height)
APS-C IMX342	48.29 x 36.22
CHR70M	66.95 x 47.50
Line 8k-5μm	88.12
Full Frame	77.75 x 51.84
CMV50000	78.69 x 59.65
	Advanced optical specifications
Working distance	197.3
Working f/N	16
Telecentricity typical (max)	< 0.03(0.08)
Distortion typical (max)	< 0.09(0.20)
Field depth	6.2
Resolution	22

Description	Bi-telecentric series (TC)
Model	RT-TCL0200-F
	Main optical specifications
Magnification	0.2
Image circle diameter (mm)	11
Max sensor size	2/3"
	Field of view (diameter x height)
1/3"	24 X 18
1/2.5"	28.5 x 21.40
1/2"	32 x 24
1/1.8"	35.65 x 26.65
2/3"	42.50 x 35.45
	Advanced optical specifications
Working distance	167
Working f/N	8-40
Telecentricity typical (max)	< 0.04(0.06)
Distortion typical (max)	< 0.1(0.2)
Field depth	2.5