

Telecentric Lenses

◆ Working Distance 40mm Lens

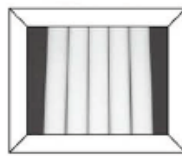
➤ Standard



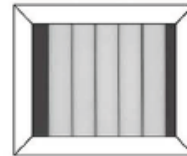
Item No.	4020THM
Working Distance	40mm
Magnification	2.0x
Resolution	100lp/mm
Format	1/2"
Mount	C
NA	0.1
F/No	21.08mm
Field Range	3.2 x 2.4mm
Depth of Field	≥ 1mm
TV Distortion	-0.014%
Weight	38g

◆ Working Distance 60mm Lens

Item No.	6033TSM
Working Distance	60mm
Format	1/2"
Mount	C
Magnification	0.33X
Back Focal Length	15.6
Distortion	<-0.014%



(x)



(✓)

◆ Working Distance -- 65mm

➤ Standard



Item No.	6505THM	6508TSM	6510TSM
Working Distance	65mm	65mm	65mm
Magnification	0.5x	0.8x	1x
Resolution	100lp/mm	50lp/mm	50lp/mm
Format	2/3"	1/2"	2/3"
Mount	C	C	C
NA	0.26	0.27	0.27
F/No	9.6	14.8	18.5
Field Range	17.6 x 13.2mm	8 x 6mm	8.8 x 6.6mm
Depth of Field	3.0mm	1.8mm	1.5mm
TV Distortion	0.00125%	0.0002%	0.0001%
Weight	100g	60g	49.5g



Item No.	6515TSM	6520TSM	6530TSM	6540TSM
Working Distance	65mm	65mm	65mm	65mm
Magnification	1.5x	2x	3x	4x
Resolution	50lp/mm	55lp/mm	55lp/mm	45lp/mm
Format	1/2"	1/2"	1/2"	1/2"
Mount	C	C	C	C
NA	0.048	0.057	0.069	0.073
F/No	15.6	17.5	21.7	27.4
Field Range	4.3 x 3.2mm	3.2 x 2.4mm	2.1 x 1.6mm	1.6 x 1.2mm
Depth of Field	0.6mm	0.4mm	0.2mm	0.14mm
TV Distortion	0.0005%	0.00125%	0.0035%	0.002%
Weight	47.5g	53g	53g	63g

◆ Coaxial Light Series



Item No.	6410TSMD	6415TSMD	6520TSMD	6530TSMD	6540TSMD
Working Distance	65mm	65mm	65mm	65mm	65mm
Magnification	1.0x	1.5x	2x	3x	4x
Resolution	50lp/mm	50lp/mm	50lp/mm	55lp/mm	45lp/mm
Format	2/3"	1/2"	1/2"	1/2"	1/2"
Mount	C	C	C	C	C
NA	0.027	0.048	0.057	0.069	0.073
F/No	18.5	15.6	17.5	21.7	27.4
Field Range	8.8 x 6.6mm	4.3 x 3.2mm	3.2 x 2.4mm	2.1 x 1.6mm	1.6 x 1.2mm
Depth of Field	0.5mm	0.6mm	0.4mm	0.2mm	0.14mm
TV Distortion	0.0001%	0.0005%	0.00125%	0.0035%	0.002%
Weight	—	54g	61g	59g	69g



Item No.	6503TH5MD	6505TH5MD	11008TSMD	11010TSMD
Working Distance	65mm	65mm	110mm	110mm
Magnification	0.3x	0.5x	0.8x	1.0x
Resolution	100lp/mm	100lp/mm	100lp/mm	100lp/mm
Format	2/3"	2/3"	2/3"	2/3"
Mount	C	C	C	C
NA	0.021	0.036	0.036	0.045
F/No	7.14	6.94	11.1	11.1
Field Range	2.9 x 2.2	17.6 x 13.2	11 x 8.3	8.8 x 6.6
Depth of Field	6.3mm	2.2mm	1.4mm	1.4mm
TV Distortion	0.01%	0.01%	0.01%	0.01%
Weight	130g	—	119.5g	—

◆ Working Distance 65mm/110mm Lens (5MP)

Item No.	6503TH5M	6505TH5M	11005TH5M	11008TSM	11010TSM
Working Distance	65mm	65mm	110mm	110mm	110mm
Magnification	0.3x	0.5x	0.5x	0.8x	1.0x
Resolution	100lp/mm	100lp/mm	100lp/mm	100lp/mm	100lp/mm
Format	2/3"	2/3"	2/3"	2/3"	2/3"
Mount	C	C	C	C	C
NA	0.021	0.036	0.021	0.036	0.045
F/No	7.14	6.94	7.14	11.1	11.1
Field Range	2.9 x 2.2	17.6 x 13.2	17.6 x 13.2	11 x 8.3	8.8 x 6.6
Depth of Field	3.3mm	1.2mm	3.3mm	1.4mm	1.4mm
TV Distortion	0.01%	0.01%	0.01%	0.01%	0.01%
Weight	121.5g	5.2 g	143g	114.5g	104g

◆ Telecentric Zoom Lens



Item No.	0513XTHM			
Resolution	100lp/mm			
Format	2/3"			
Mount	C			
Focal Length	63mm			
Magnification	0.5x	0.75x	1.0x	1.3x
2/3"Format Angle Of View (H×V)	17.6 x 13.2	11.7 x 8.8	8.8 x 6.6	6.5 x 5.8
1/2" Format Angle Of View (H×V)	12.8 x 9.6	8.5 x 6.4	6.4 x 4.8	4.9 x 3.1
Working Distance (mm)	176	134	112.5	98.4
Distance from object to image O/I(mm)	272.76	246.45	241.13	245.4
NA	0.047	0.047	0.047	0.047
Depth of Field (mm)	1.7	1.13	0.85	1.65
Distortion	<0.04%	<0.05%	<0.03%	<0.02%
Weight	349.5g			