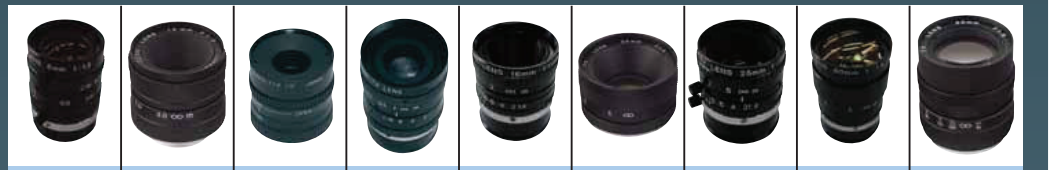
Fixed Focal Length "CCTV" Lenses

Part No.		TSS-0284I	TSS-0284	TSS-0412	TSS-0412I	TSK-0612	TSK-0612I	TSS-0812	TSS-0812I
Focal Length		2.8mm	2.8mm	4.0mm	4.0mm	6.0mm	6.0mm	8.0mm	8.0mm
CCD Size		1/3"~1/4"	1/3"~1/4"	1/3"~1/4"	1/3"~1/4"	1/3"~1/4"	1/3"~1/4"	1/3"~1/4"	1/3"~1/4"
Aperture		1:1.3	1:1.3	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2
Iris	Operation	Manual	Manual	Manual	Manual	* * *	Manual	Manual	Manual
	Aperture	1.3~Close	1.3	1.2	1.2~Close	F1.2	F1.2~Close	1.2	1.2~Close
Focus	Operation	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Field of View Angle (DxHxV)	1/4"	* * *	* * *	* * *	* * *	43.4°x70.3°x25.7°	43.4°x70.3°x25.7°	* * *	* * *
	1/3"	103.7°x87.7°x68.3°	103.7°x87.7°x68.3°	83.0°x67.3°x50.9°	83.0°x67.3°x50.9°	61.1°x48.1°x35.6°	61.1°x48.1°x35.6°	45.6°x35.7°x26.4°	45.6°x35.7°x26.4°
	1/2"	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
	2/3"	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
	1 "	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
Min. Object Distance		100mm	100mm	100mm	100mm	300mm	300mm	100mm	100mm
Back Focal Length		8.5mm	8.5mm	9.0mm	9.0mm	9.30mm	9.30mm	10.7mm	10.7mm
Clear Aperture	Front	15.5mmφ	15.5mmφ	11.2mmφ	11.2mmφ	14.0mmφ	14.0mmφ	11.0mmφ	11.0mmφ
	Rear	10.7mmφ	10.7mmφ	10.5mmφ	10.5mmφ	8.9mmφ	8.9mmφ	10.2mmφ	10.2mmφ
Filter Diameter		-	-	-	-	* * *	* * *	-	-
Mount/Frange Back		CS/12.526mm	CS/12.526mm	CS/12.526mm	CS/12.526mm	CS/12.5mm	CS/12.5mm	CS/12.526mm	CS/12.526mm
Dimensions		30.0mmφx33.7mm	29.0mmφx33.2mm	29.0mmφx33.2mm	30.0mmφx33.7mm	30mmφx26.5mm	30mmφx26.8mm	29.0mmφx33.2mm	30.0mmφx33.7mm
Weight		35g	35g	35g	35g	45.6g	41.7g	35g	35g
Operation Temperature		-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C

● for Factory Automation, Image Processings, Industrial Machine Vision, etc.



Part No.	TSW-0813	TSK-1212	TSS-1212	TSS-1614	TSW-1614	TSK-2514	TSW-2514	TSW-5018	TSK-5018
Focal Length	8.0mm	12.0mm	12.0mm	16.0mm	16.0mm	25.0mm	25.0mm	50.0mm	50.0mm
CCD Size	2/3"~1/3"	1/2"~1/3"	1/2"~1/4"	2/3"~1/4"	2/3"~1/3"	1~1/3"	2/3"~1/3"	2/3"~1/3"	1~1/3"
Aperture	1:1.3	1:1.2	1:1.2	1:1.4	1:1.4	1:1.4	1:1.4	1:1.8	1:1.8
Iris Operation	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Iris Aperture	F:1.3~Close	F1.2~Close	1.2~Close	1.4~Close	F:1.4~Close	F1.4~Close	F:1.4~Close	F:1.8~Close	F1.8~Close
Focus Operation	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Field of View Angle (DxHxV) 1/4"	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
1/3"	41.0°x33.4°x25.4°	27.4°x22.1°x16.7°	28.3°x22.6°x16.9°	20.8°x16.7°x12.5°	21.2°x17.0°x12.8°	13.3°x10.6°x8.0°	13.7°x10.1°x8.2°	6.8°x5.5°x4.1°	6.9°x5.5°x4.2°
1/2"	56.0°x43.6°x33.4°	37.1°x29.7°x22.3°	38.0°x30.2°x22.6°	27.7°x22.2°x16.7°	28.0°x22.6°x17.0°	17.6°x14.2°x10.6°	2.0°x14.6°x10.1°	9.1°x7.3°x5.5°	9.1°x7.3°x5.5°
2/3"	69.0°x57.6°x45.0°	* * *	* * *	37.9°x30.4°x22.9°	38.0°x30.7°x23.3°	24.1°x19.4°x14.6°	24.8°x19.9°x15.0°	12.5°x10.0°x7.5°	12.6°x10.1°x7.6°
1 "	* * *	* * *	* * *	* * *	* * *	34.8°x27.8°x20.9°	* * *	* * *	18.6°x14.8°x11.1°
Min. Object Distance	200mm	300mm	300mm	400mm	400mm	300mm	500mm	1000mm	300mm
Back Focal Length	10.99mm	12.10mm	12.6mm	14.2mm	12.44mm	11.50mm	11.94mm	13.94mm	22.15mm
Clear Aperture Front	16.0mmφ	11.2mmφ	11.8mmφ	12.0mmφ	11.1mmφ	18.7mmφ	18.0mmφ	25.6mmφ	27.4mmφ
Clear Aperture Rear	10.7mmφ	11.0mmφ	11.2mmφ	11.0mmφ	9.0mmφ	14.0mmφ	9.0mmφ	7.9mmφ	14.0mmφ
Filter Diameter	25.5mm / P=0.5mm	M 34.0 P= 0.5	-	-	27.0mm / P=0.5mm	M 43.0 P= 0.75	27.0mm / P=0.5mm	30.5mm / P=0.5mm	M 40.5 P= 0.5
Mount/Frange Back	C/17.526mm	C/ 17.526mm	CS/12.526mm	CS/12.526mm	C/17.526mm	C/ 17.526mm	C/17.526mm	C/17.526mm	C/17.526mm
Dimensions	29.0mmφxL=34.5mm	37.0mmφx34.5mm	42.0φx40.2mm	30.0φx30.0mm	30.0mmφxL=24.5mm	45.0mmφx28.0mm	30.0mmφxL=24.5mm	32.0mmφxL=37.0mm	44.0mmφx48.5mm
Weight	60g	74.5g	65g	45g	40g	81.0g	45g	60g	145.0g
Operation Temperature	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C