

10MP Fixed Focal Length Lenses

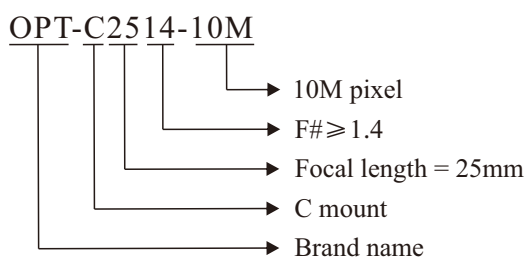
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Product Features

- 1 Professional design and stable quality**
Using high standard optical technology to realize perfect optical performance
- 2 High resolution**
Compatible to most 10MP industrial cameras, suitable for cameras with pixel size $\geq 3.45\mu\text{m}$, max compatible to 1.1" sensor, resolution up to 140lp/mm
- 3 Low distortion**
Total distortion below 1%, minimum distortion 0.1%

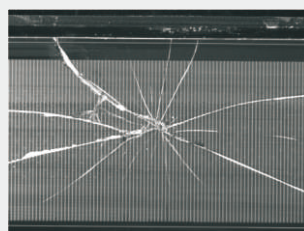
Selection Guide



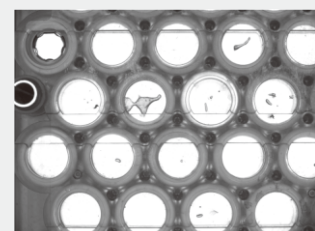
Application Examples



Metal piece flatness inspection

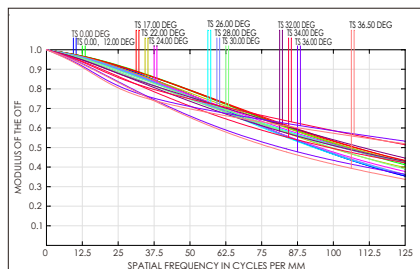


Lens surface crack detection

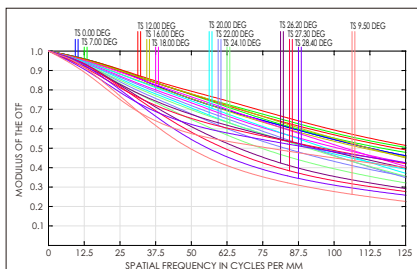


Inspection for glue on battery surface

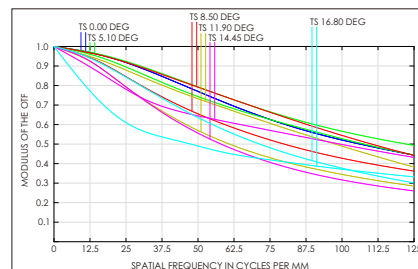
MTF Drawings



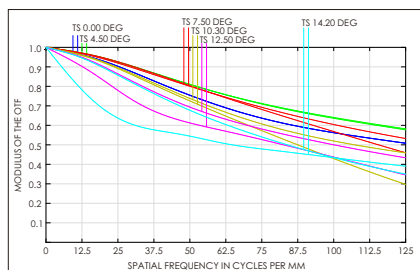
OPT-C1220-10M



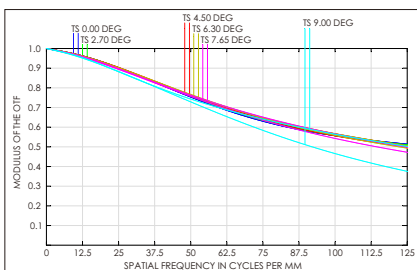
OPT-C1616-10M



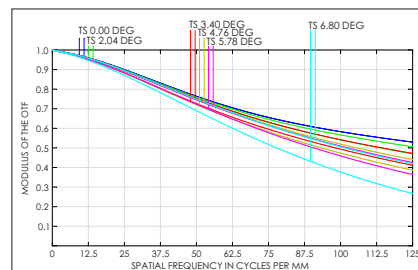
OPT-C2514-10M



OPT-C3514-10M



OPT-C5024-10M

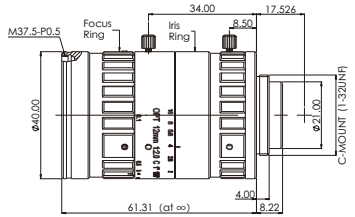
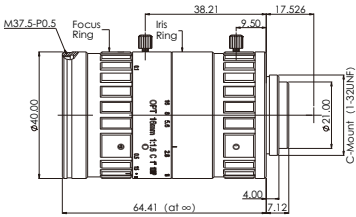
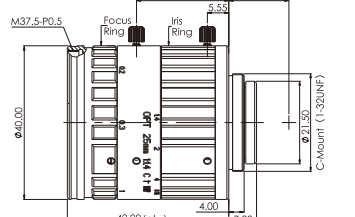


OPT-C7524-10M

Model Table

No.	Model	Focal length (mm)	Aperture range	WD (mm)	Filter thread	Distortion	Back focal length (mm)	Weight (kg)	Matching sensor format	FOV angle (horizontal - vertical - across)		
1	OPT-C1220-10M	12	F2.0-F16	100~∞	M37.5*P0.5	<0.77%	10.36	0.19	2/3"	40.2°	30.6°	49.6°
									1.1"	61.0°	47.6°	72°
2	OPT-C1616-10M	16	F1.6-F16	100~∞	M37.5*P0.5	<0.68%	10.7	0.19	2/3"	30.7°	23.2°	38.4°
									1.1"	48.2°	36.8°	58°
3	OPT-C2514-10M	25	F1.4-F16	200~∞	M37.5*P0.5	<0.3%	10.8	0.1	2/3"	20.1°	15.4°	24.3°
									1.1"	31.2°	23.4°	38.4°
4	OPT-C3514-10M	35	F1.4-F16	160~∞	M40.5*P0.5	<0.39%	11.3	0.12	2/3"	14.4°	10.8°	17.6°
									1.1"	22.4°	16.8°	27.8°
5	OPT-C5024-10M	50	F2.4-F22	550~∞	M37.5*P0.5	<0.1%	16.24	0.13	2/3"	10°	7.6°	12.2°
									1.1"	15.6°	11.8°	19.4°
6	OPT-C7528-10M	75	F2.8-F32	600~∞	M37.5*P0.5	<0.1%	36.9	0.25	2/3"	6.66°	5.0°	8.2°
									1.1"	10.4°	7.9°	13°

Dimensional Drawings [mm]

1	OPT-C1220-10M	2	OPT-C1616-10M	3	OPT-C2514-10M
					
4	OPT-C3514-10M	5	OPT-C5024-10M	6	OPT-C7528-10M
