

IR Fixed Focal Length Lenses

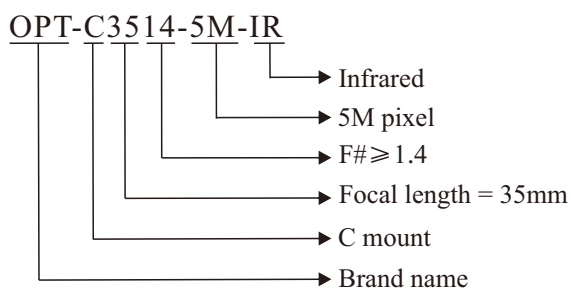
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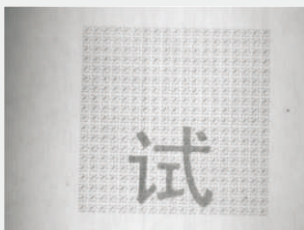
Product Features

- 1** Compatible for IR spectrum
Developed for infrared project, used for 800-1050nm IR spectrum
- 2** Professional design and stable quality
Using high standard optical technology to realized perfect optical performance
- 3** High resolution
Compatible to most 5MP industrial cameras, suitable for cameras with pixel size $\geq 3.45\mu\text{m}$, max compatible to 2/3" sensor, resolution up to 140lp/mm
- 4** Low distortion
Total distortion $< 0.1\%$
- 5** High uniformity

Selection Guide



Application Examples



Security QR code recognition

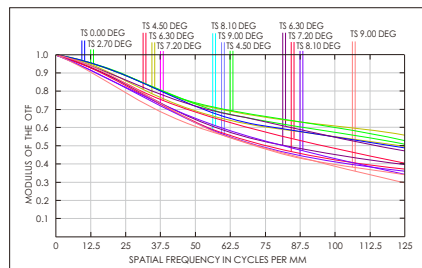


Metal existing detection

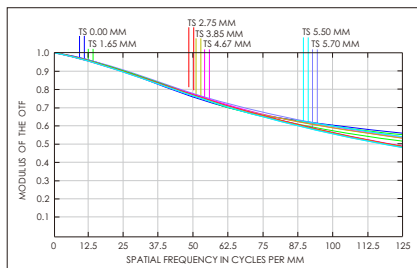


Distance measurement of metal parts

MTF Drawings



OPT-C3514-5M -IR



OPT-C5025-5M-IR

Model Table

No.	Model	Focal length (mm)	Aperture range	WD (mm)	Filter thread	Distortion	Weight (kg)	Matching sensor format	FOV angle (across - horizontal - vertical)		
1	OPT-C3514-5M-IR	35	F1.4-F16	390-∞	M30.5*P0.5	<0.1%	0.13	1/3"	10°	8°	6°
								1/2"	13.2°	10.6°	8°
								1/1.8"	14.8°	11.9°	9°
								2/3"	18°	14.4°	10.8°
2	OPT-C5025-5M-IR	50	F2.5-F22	570-∞	M30.5*P0.5	<0.1%	0.11	1/3"	6.9°	5.5°	4.1°
								1/2"	9.2°	7.3°	5.5°
								1/1.8"	10.3°	8.2°	6.2°
								2/3"	12.5°	10°	7.6°

Dimensional Drawing [mm]

