

5 MP 3X Zoom Lenses



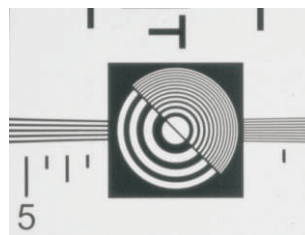
Product Features

- 1** 0.3-1.0x adjustable magnification
- 2** Large image circle, max compatible to 2/3" sensor
- 3** High resolution, the resolution of the whole FOV up to 120lp/mm
- 4** High uniformity
- 5** Low distortion, the total distortion of FOV below 0.5%

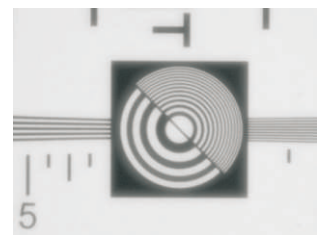
Selection Guide

OPT-C3X45-5M

- 5M pixel
- F# ≥ 4.5
- Magnification 0.3X - 1X
- C mount
- Brand name



Picture taken via OPT-C3X45-5M



Picture taken via other lens

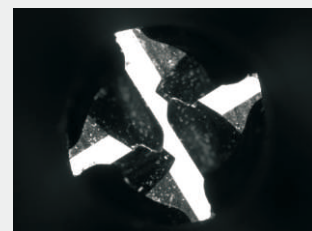
Application Examples



Part localization and OCR 1.0x zoom

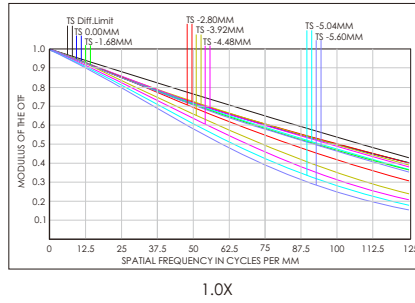
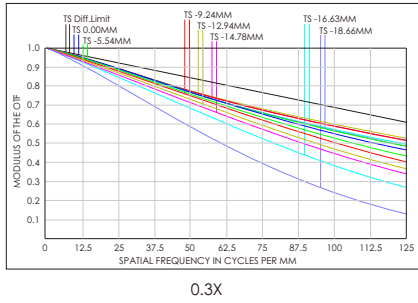


PCB localization and recognition



Tool inspection

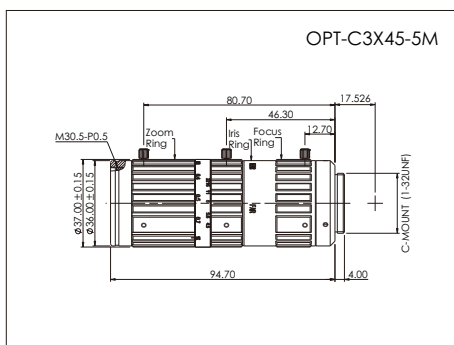
MTF Drawings



Model Table

Model	Mag. [x]	Aperture range	WD (mm)	Filter thread	Weight (kg)	Matching sensor format	Distortion		FOV angle across - horizontal - vertical		
							0.3x	1.0x	10.7°	8.48°	6.38°
OPT-C3X45-5M	0.3X-1.0X	F4.5~F22	90	M30.5*P0.5	0.2	1/2"	0.3x	0.26%	10.7°	8.48°	6.38°
							1.0x	0.25%	2.72°	2.18°	1.64°
						2/3"	0.3x	0.49%	14.88°	11.8°	8.74°
							1.0x	0.47%	3.57°	2.78°	2.24°

Dimensional Drawing [mm]



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