

Variable Magnification Telecentric Lens



Product Features

- Adjustable magnification: 0.5X-1.0X
- Large format sensor, max. compatible with 1/1.2" sensor
- Object-space telecentric design, telecentricity: $\leq 0.05^\circ$
- Total distortion $< 0.1\%$

Resolution Comparison



0.5X



1.0X

Selection Guide

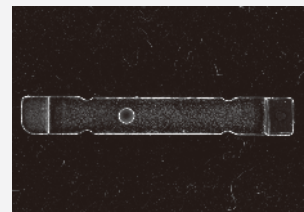
OPT-CZT0510X

- Mag. range: 0.5X-1.0X
- Telecentric zoom lens
- C-Mount
- Brand name

Application Cases



Mark locating for cutting



Gauging for metal parts

Model Table

Model	Aperture range	WD (mm)	Distortion (at 546 nm)	Mount	Weight (kg)	Magnification	Telecentricity	MTF 30 (lp/mm)	FOV Ø (mm)			
									13.4(1/1.2")	11.0(2/3")	9.0(1/1.8")	8.0(1/2")
OPT-CZT0510X	F8-F32	106 ± 3%	<0.05%	C	0.38	0.5X	<0.05°	90	26.80	22.00	18.00	16.00
						0.6X	<0.04°	90	22.33	18.33	15.00	13.33
						0.7X	<0.05°	90	19.14	15.71	12.86	11.43
						0.8X	<0.03°	75	16.75	13.75	11.25	10.00
						0.9X	<0.02°	70	14.89	12.22	10.00	8.89
						1.0X	<0.05°	70	13.40	11.00	9.00	8.00

Dimensions (mm)

