

PRECISION MACRO LENS

for Machine-vision applications

MVZ-series

Various models from low magnification to high magnification macro zoom lens with superb high resolution and low distortion.



MVZ4x0.5

SPECIFICATIONS

	MVZ4x0.2	MVZ4x0.25	MVZ4x0.5	MVZ4x0.75
Image Format	1/2"	1/2"	1/2"	1/2"
Optical Magnification	x0.2 - x0.75	x0.25 - x1.0	x0.5 - x2.0	x0.75 - x3.0
Magnification on 14" monitor	x9 - x33	x11.25 - x45	x22.5 - x90	x33.75 - x135
WD (Working Distance)	150mm	175mm	90mm	56mm
Depth of Field				
Field of View: (H x V) mm	on 1/2" camera (32x24) - (8.5x6.4) on 1/3" camera (24x18) - (6.4x4.8)	(25.6x19.2) x (6.4x4.8) (19.2x14.4) - (4.8x3.6)	(12.8x9.6) - (3.2x2.4) (9.6x7.2) - (2.4x1.8)	(8.5x6.4) - (2.1x1.6) (6.4x4.8) - (1.6x1.2)
Resolution	50 μm - 16 μm	35 μm - 20 μm	25 μm - 10 μm	25 μm - 8 μm
TV Distortion	less than 0.1%	less than 0.1%	less than 0.1%	less than 0.1%
Lens Mount	C-mount	C-mount	C-mount	C-mount
Weight	228g	220g	220g	220g
Dimensions (Front x L)	28 x 169.5mm	28 x 151.5mm	28 x 151.5mm	28 x 151.5mm

APPLICATIONS



MVZ + B/W CCD Camera



MVZ+ Color CCD Camera

Tuss Vision, Inc.
Products made in Japan