

PRECISION MACRO LENS

for Machine-vision applications

WD : 75mm
MVF-series

High magnification macro lens with 75mm WD(working distance) with superb high resolution and low distortion on entire view-field.
L-type of lens is equipped with provision for light guide to work with coaxial illumination light source, or spot LED illumination.



MVF200L

SPECIFICATIONS

	MVF200	MVF200L	MVF400	MVF400L	.	MVF600L	MVF800	MVF800L
Image Format	2/3"	2/3"	2/3"	2/3"	2/3"	2/3"	2/3"	2/3"
Optical Magnification	x2	x2	x4	x4	x6	x6	x8	x8
Magnification on 14" monitor	x90	x90	x180	x180	x270	x270	x360	x360
WD (Working Distance)	75mm	75mm	75mm	75mm	75mm	75mm	75mm	75mm
Depth of Field	+/- 0.2mm	+/- 0.2mm	+/- 0.1mm	+/- 0.1mm	+/- 0.07mm	+/- 0.07mm	+/- 0.06mm	+/- 0.06mm
Field of View: on 2/3" camera	4.2H x 3.1Vmm	4.2H x 3.1Vmm	2.1H x 1.6Vmm	2.1H x 1.6Vmm	1.4H x 1.0Vmm	1.4H x 1.0Vmm	1.0H x 0.8Vmm	1.0H x 0.8Vmm
on 1/2" camera	3.2H x 2.4Vmm	3.2H x 2.4Vmm	1.6H x 1.2Vmm	1.6H x 1.2Vmm	1.1H x 0.8Vmm	1.1H x 0.8Vmm	0.8H x 0.6Vmm	0.8H x 0.6Vmm
Resolution	8 μm	8 μm	4 μm	4 μm	3 μm	3 μm	3 μm	3 μm
TV Distortion	less than 0.2%	less than 0.2%	less than 0.2%	less than 0.2%	less than 0.2%	less than 0.2%	less than 0.2%	less than 0.2%
Lens Mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount
Weight	35g	45g	40g	50g	40g	50g	40g	50g
Dimensions (Front x L)	16 x 72.8mm	16 x 76.2mm	16 x 103.6mm	16 x 107mm	16 x 103.6mm	16 x 107mm	16 x 103.6mm	16 x 107mm

APPLICATIONS



MVF + Spot LED



Spot LED illuminator



MVF + B/W CCD Camera



MVF + Color CCD Camera

Iuss Vision, Inc.
Products made in Japan