

Machine Vision Macro Lens (For Visible~Near-IR applications)

Model		VS-MC01303IR		
Optical mag. range		0.13x~0.3x		
Optical mag.		0.13x	0.2x	0.3x
FOV (VxH)	15.2x15.2	116.0x116.0mm	76.0x76.0mm	50.7x50.7mm
	1.4"	92.4x125.6mm	60.5x82.3mm	40.3x54.9mm
	2/3"	50.4x67.2mm	33.0x44.0mm	22.0x29.3mm
	1/2"	36.6x48.9mm	24.0x32.0mm	16.0x21.3mm
Lens length		20.3mm	23.1mm	24.3mm
WD		176.3mm	115.7mm	78.2mm
O/I (Object & Imager distance)		214.1mm	156.3mm	120.0mm
Working F/#		4.00	4.20	4.60
NA		0.016	0.024	0.033
Resolution *at λ 550nm		20.4 μ	14 μ	10.2 μ
DOF at PCoC ϕ 0.04mm		18.7mm	8.4mm	4.1mm
TV distortion (max.)		0.10%以下		
Wavelength		Visible~Near-IR(400nm - 950nm)		
Camera mount		C-mount		
Flange back		17.526mm		
Sensor size (max.)		ϕ 22		
Co-axial prism		-		
Weight (approx.)		40g		
Dimension		ϕ 34(MAX) x L=20.3~24.3mm		