

Optional Fixed Iris

Model	VS-MC0510-1			VS-MC0510-2			VS-MC0510-3			VS-MC0510-4		
Optical mag. range	0.5x~1.0x											
Iris Diameter	$\phi 1$			$\phi 2$			$\phi 3$			$\phi 4$		
Optical mag.	0.5x	0.75x	1.0x	0.5x	0.75x	1.0x	0.5x	0.75x	1.0x	0.5x	0.75x	1.0x
Working F/#	48.4	56.7	64.1	24.2	28.3	32	16.1	18.9	21.3	12.1	14.1	16
NA	0.005	0.006	0.007	0.01	0.013	0.015	0.015	0.019	0.023	0.02	0.026	0.031
Resolution *at λ 550nm	67.1 μ	55.9 μ	47.9 μ	33.6 μ	25.8 μ	22.3 μ	22.3 μ	17.6 μ	14.5 μ	16.7 μ	12.9 μ	10.8 μ
DOF at PCoC ϕ 0.04mm	15.4mm	8mm	5.1mm	7.7mm	4mm	2.6mm	5.1mm	2.7m	1.7mm	3.8mm	2mm	1.3mm
Wavelength	Visible (400nm - 700nm)											
Camera mount	C-mount											
Flange back	17.526mm											
Sensor size (max.)	1/2"											

Model	VS-MC0510-5			VS-MC0510-6			VS-MC0510-7			VS-MC0510-8			VS-MC0510-9		
Optical mag. range	0.5x~1.0x														
Iris Diameter	$\phi 5$			$\phi 6$			$\phi 7$			$\phi 8$			$\phi 9$		
Optical mag.	0.5x	0.75x	1.0x	0.5x	0.75x	1.0x	0.5x	0.75x	1.0x	0.5x	0.75x	1.0x	0.5x	0.75x	1.0x
Working F/#	9.6	11.3	12.8	8	9.4	10	6.9	8.1	9.1	6	7	8	5.3	6.3	7.1
NA	0.026	0.033	0.039	0.031	0.039	0.05	0.036	0.046	0.054	0.041	0.053	0.062	0.047	0.059	0.07
Resolution *at λ 550nm	12.9 μ	10.1 μ	8.6 μ	10.8 μ	8.6 μ	6.7 μ	9.3 μ	7.2 μ	6.2 μ	8.1 μ	6.3 μ	5.4 μ	7.1 μ	5.6 μ	4.7 μ
DOF at PCoC ϕ 0.04mm	3mm	1.6mm	1mm	2.6mm	1.3mm	0.8mm	2.2mm	1.2mm	0.7mm	1.9mm	1mm	0.6mm	1.7mm	0.9mm	0.6mm
Wavelength	Visible (400nm - 700nm)														
Camera mount	C-mount														
Flange back	17.526mm														
Sensor size (max.)	1/2"														