

Machine Vision Macro Lens

Model	VS-MC4									
Focal length (f)	4 mm (4.16)									
Maximum Aperture Ratio	1:2.0 (2.08)									
Optical mag. range	× 0.01 ~ × 0.04									
Optical mag.	× 0.01			× 0.02			× 0.04			
FOV (VxH mm)	2/3"	—			—			—		
	1/2"	480.0×640.0			240.0×320.0			120.0×160.0		
	1/3"	360.0×480.0			180.0×240.0			90.0×120.0		
WD	403.8 mm			195.8 mm			91.8 mm			
O/I (Object & Imager distance)	449.1 mm			241.2 mm			119.8 mm			
Working F/#	2.10	5.66	8.08	2.12	5.71	8.16	2.16	5.82	8.32	
DOF at PCoC $\phi$ 0.04mm	1680.0 mm	4528.0 mm	6464.0 mm	424.0 mm	1142.0 mm	1632.0 mm	108.0 mm	291.0 mm	416.0 mm	
TV distortion (1/2")	0.31%			0.30%			0.28%			
Back Focus	7.54 mm ( $\infty$ 時)									
Flange Back	17.526 mm									
Wavelength	Visible (400nm - 700nm)									
Mount	C-mount									
Filter Thread	M27 P=0.5									
Front Principle Point	13.05 mm									
Rear Principle Point	3.38 mm									
FPP RPP Distance	24.73 mm									
Optical over all length	34.40 mm									
Sensor size (max.)	1/2"									
Weight (approx.)	60 g									
Dimension	$\Phi$ 32.5 (MAX) × L= 27.8 (0.01x) ~ 28.0 (0.04x) mm									