

Machine Vision Macro Lens (For Near-UV)

Model	VS-MC0510S-UV			
Optical mag. range	0.4x ~ 1.0x			
Optical mag.	0.5x	0.75x	1.0x	
Focal length (f)	46mm			
FOV (VxH)	1/2"	9.6x12.8mm	6.4x8.5mm	4.8x6.4mm
	1/3"	7.2x9.6mm	4.8x6.4mm	3.6x4.8mm
WD *at λ 365nm	134.1mm	103.4mm	88.1mm	
O/I (Object & Imager distance)	208.5mm	189.3mm	185.5mm	
Working F/# *at Iris Open	4.8	5.6	6.4	
NA	0.052	0.067	0.078	
Resolution *at λ 365nm	4.2 μ	3.3 μ	2.8 μ	
DOF at PCoC ϕ 0.04mm	1.5mm	0.8mm	0.5mm	
TV distortion (max.)	0.00%		-0.01%	
Relative illuminance (Y=4.0)	87.7%	88.8%	90%	
Wavelength	320~420nm			
Camera mount	C-mount			
Flange back	17.526mm			
Sensor size (max.)	1/2"			
Co-axial prism	-			
Weight (approx.)	80g			
Dimension	ϕ 32(Max) x L=52.3~79.9mm			

|

VS Technology Corporation