

Machine Vision Macro Lens (For Near-UV)

Model	VS-MC00303NS-UV									
Optical mag. Range	0.03x ~ 0.3x									
Optical mag.	0.03 X			0.1 X			0.3 X			
FOV (VxH)	1/2"	160.0	X	213.3	48.0	X	64.0	16.0	X	21.3
	1/3"	120.0	X	160.0	36.0	X	48.0	12.0	X	16.0
WD *at λ 365nm	520.1 mm			144.1 mm			38.1 mm			
O/I (Object & Imager distance)	565.5 mm			190.6 mm			88.0 mm			
Focal length (f)	16mm									
Working F/#	4.8~16.1			5.9~18.9			6.4~21.3			
NA	0.052~0.015			0.063~0.019			0.078~0.023			
DOF at PCoC ϕ 0.04mm	1.53~5.1mm			0.83~2.6mm			0.51~1.7mm			
TV distortion (max.)	-0.01%以下									
Relative illuminance (Y=4.0)	90%									
Wavelength	Ultraviolet (320nm - 420nm)									
Camera mount	C-mount									
Flange back	17.526 mm									
Sensor size (max.)	2/3"									
Filter thread	M 25.5 P= 0.5									
Weight (approx.)	- g									
Dimension	Φ 32 (MAX) \times L= 27.9 (0.03x) ~ 32.4 (0.3x) mm									