

Macro Zoom Lens VSZ series (Telecentric Zoom Lens for 1/2" Megapixel)

Model		VSZ-M07545				
Zoom Range		0.75x ~ 4.5x				
14" Monitor Magnification	1/2"	33x ~ 200x				
	1/3"	44x ~ 266x				
Optical Mag.		0.75x	1.0x	2.0x	2.5x	4.5x
Working F/#		17.8	17.8	19.2	20.1	22.9
FOV (VxH)	1/2"	6.4 x 8.53mm	4.8 x 6.4mm	2.4 x 3.2mm	1.92 x 2.56mm	1.06 x 1.42mm
	1/3"	4.8 x 6.4mm	3.6 x 4.8mm	1.8 x 2.4mm	1.44 x 1.92mm	0.8 x 1.06mm
NA		0.021	0.028	0.052	0.062	0.098
DOF at PCoC $\phi$ 0.04mm *Iris Open		2.5mm	1.4mm	0.38mm	0.25mm	0.09mm
TV distortion		0.1%	0.03%			
WD		95.25mm $\pm$ 4				
Focus Range / Operation		$\pm$ 3mm / Manual				
O/I(Object & Imager distance)		301.8mm				
Iris Operation		Manual				
Zoom Ratio / Operation		1 : 6 / Manual				
Mount		C-mount				
Filter Thread		M30.5 P=0.5				
Flange back		17.526mm				
Co-axial prism		-				
Sensor size		1/2"				
Weight (approx.)		491g				
Dimension		$\phi$ 46(max) x L=189mm				
Front Converter Lens		0.3x / 0.5x / 0.7x / 1.4x / 2.0x (Option)				