

High Resolution Telecentric Lens for 1"

Model	VS-THV05-110CO/S	
Optical Mag.	× 0.5	
FOV (V x H)	1"	22.5 × 22.5 mm
	2/3"	14.2 × 16.8 mm
	1/2"	9.6 × 12.8 mm
WD	112.2 mm ±3.4	
O/I (Object & Imager Distance)	259.2 mm	
Working F/#	10.0	
NA	0.025	
Resolution *at λ 550nm	13.4 μ	
DOF at PCoC φ 0.04mm	3.2 mm	
TV distortion (1")	-0.01 %	
Relative illuminance (φ 16mm)	96.1 %	
Wavelength	Visible	
Camera Mount	C-mount	
Flange Back	17.526 mm	
Sensor size (max.)	1"	
Co-axial prism	Built-in	
Filter Thread	M 43 P= 0.75	
Weight (approx.)	160 g	
Dimension	φ 46 (max.) × L= 129.5 mm	

\*This data subjected to change at anytime

***VS Technology Corporation***