

High Resolution Telecentric Lens for 1"

Model		VS-THV2-110CO/S	
Optical Mag.		× 2.0	
FOV (V x H)	1"	5.6 × 5.6	mm
	2/3"	3.6 × 4.2	mm
	1/2"	2.4 × 3.2	mm
WD		110.4 mm ±3.3	
O/I (Object & Imager Distance)		294.9 mm	
Working F/#		10.0	
NA		0.100	
Resolution *at λ 550nm		3.4 μ	
DOF at PCoC φ 0.04mm		0.2 mm	
TV distortion (1")		0.02 %	
Relative illuminance (φ 16mm)		99.5 %	
Wavelength		Visible	
Camera Mount		C-mount	
Flange Back		17.526 mm	
Sensor size (max.)		1 "	
Co-axial prism		Built-in	
Filter Thread		M 35.5 P= 0.5	
Weight (approx.)		240 g	
Dimension		φ 38 (max.) × L= 167.0 mm	

*This data subjected to change at anytime

VS Technology Corporation