

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 φ0.04mm	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**

For design help, accessories or pricing, please contact:  
sales@avsupply or call: 1-858-565-1101