

High Resolution Telecentric Lens for 1"

Model	VS-THV1-110CO/S	
Optical Mag.	× 1.0	
FOV (V x H)	1"	11.3 × 11.3 mm
	2/3"	7.1 × 8.4 mm
	1/2"	4.8 × 6.4 mm
WD	111.1 mm ±3.3	
O/I (Object & Imager Distance)	259.6 mm	
Working F/#	10.5	
NA	0.048	
Resolution *at λ 550nm	7.0 μ	
DOF at PCoC φ0.04mm	0.8 mm	
TV distortion (1")	0.015 %	
Relative illuminance (φ 16mm)	98 %	
Wavelength	Visible	
Camera Mount	C-mount	
Flange Back	17.526 mm	
Sensor size (max.)	1 "	
Co-axial prism	Built-in	
Filter Thread	M 30.5 P= 0.5	
Weight (approx.)	- g	
Dimension	φ 32 (max.) × L= 131.0 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