

High Resolution Telecentric Lens for 1"

Model		VS-THV1-110/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 φ 0.04mm		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		-	
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