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SPTC0633A1

High Resolution Telecentric Lens for 1.1″

Model		VS-THV4-110CO/S-SWIR
Optical Mag.		× 4.0 ± 5 %
FOV (V x H)	1.1″	2.6 × 3.5 mm
	1″	2.8 × 2.8 mm
	2/3″	1.8 × 2.1 mm
WD		110.4 mm ± 3.3
O/I (Object & Imager Distance)		349.9 mm
Working F/# *Value at Iris Open		15.4
NA		0.130
DOF at PCoC φ0.04mm		0.08 mm
TV Distortion (1.1″)		0.05 %
Relative Illuminance (Y=8.8)		99 %
Wavelength		Short Wave IR
Mount		C-Mount
Flange Back		17.526 mm
Sensor Size (max.)		1.1″
Co-Axial Prism		Built-in
Filter Thread		M 43 P= 0.75
Weight (approx.)		410 g
Dimension		φ 46 (max.) × L = 222 mm

VS TECHNOLOGY CORPORATION