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SPTC0632A1

High Resolution Telecentric Lens for 1.1″

Model		VS-THV3-110CO/S-SWIR
Optical Mag.		× 3.0 ± 5 %
FOV (V x H)	1.1″	3.4 × 4.7 mm
	1″	3.8 × 3.8 mm
	2/3″	2.4 × 2.8 mm
WD		111.2 mm ± 3.3
O/I (Object & Imager Distance)		325.0 mm
Working F/# *Value at Iris Open		12.5
NA		0.120
DOF at PCoC φ0.04mm		0.1 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.)		370 g
Dimension		φ 46 (max.) × L = 196.3 mm

VS TECHNOLOGY CORPORATION