08-Apr-20
SPTC0621A1

High Resolution Telecentric Lens for 1.1″

Model		VS-THV1.5-110CO/S-SWIR
Optical Mag.		× 1.5 ± 5 %
FOV (V x H)	1.1″	6.9 × 9.4 mm
	1″	7.5 × 7.5 mm
	2/3″	4.7 × 5.6 mm
WD		110.4 mm ± 3.3
O/I (Object & Imager Distance)		259.3 mm
Working F/# *Value at Iris Open		10.0
NA		0.075
DOF at PCoC φ0.04mm		0.4 mm
TV Distortion (1.1″)		0.03 %
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 35.5 P= 0.5
Weight (approx.)		215 g
Dimension		φ 38 (max.) × L = 131.4 mm

VS TECHNOLOGY CORPORATION