22-Nov-17
SPTC0586A1

1″ Telecentric Lens

Model		VS-THV1-110CO/S-SWIR
Optical Mag.		× 1.0 ± 5 %
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/# *Value at Iris Open		10.5
NA		0.048
DOF at PCoC ϕ0.04mm		0.8 mm
TV Distortion (1″)		0.02 %
Relative Illuminance (Y=8)		98 %
Wavelength		Short Wave IR
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.)		128 g
Dimension		ϕ 32 (max.) × L = 131 mm