05-Nov-19
SPOE0619A4

1″ Telecentric Lens

Model		VS-THV2-110CO/S-SWIR
Optical Mag.		× 2.0 ± 5 %
FOV (V x H)	1″	5.6 × 5.6 mm
	2/3″	3.6 × 4.2 mm
	1/2″	2.4 × 3.2 mm
WD		110.4 mm ± 3.3
O/I (Object & Imager Distance)		294.9 mm
Working F/# *Value at Iris Open		10.0
NA		0.100
DOF at PCoC ϕ0.04mm		0.2 mm
TV Distortion (1″)		0.02 %
Relative Illuminance (Y=8)		100 %
Wavelength		Short Wave IR
Mount		C-Mount
Flange Back		17.526 mm
Sensor Size (max.)		1″
Co-Axial Prism		Built-in
Filter Thread		M 35.5 P= 0.5
Weight (approx.)		240 g
Dimension		ϕ 38 (max.) × L = 167 mm

VS Technology Corporation