

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 ϕ 0.04mm		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