



VS-THV1.5-110CO/S-SWIR
C-mount Telecentric Lens

- **Optimized for 1" Short Wave Infrared Cameras**
- **700nm-2000nm >60% Transmission**
- **Coaxial Optimized for SWIR**
- **Excellent Resolution**



Optical Specifications		
Optical Mag.	1.5X +/- 5%	
Working Distance	110.4mm	
O/I	259.3mm	
Working F/#	10	
NA	0.075	
DOF at PCoC \varnothing 0.04mm	0.4mm	
TV Distortion (1")	0.03%	
Relative Illuminance (Y=8)	99%	
Wavelength	SWIR	
Resolution	Center	>120lp/mm
	Corner	>120lp/mm

Mechanical Specifications	
Mount	C-Mount
Flange Back	17.526mm
Sensor Size (max)	1.1"
Co-Axial Prism	Built-in
Filter Thread	M35.5 P=0.5
Weight	128g
Dimension	\varnothing 38(max) x L 131mm
Operating Temp.	-10C +55C
Field of View (VxH)	
1.1"	6.9 x 9.4 mm
1"	7.5 x 7.5 mm
2/3"	4.7 x 5.6 mm

