



VS-THV2-110CO/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.	2.0X +/- 5%	
Working Distance	110.4mm	
O/I	294.9mm	
Working F/#	10	
NA	0.100	
DOF at PCoC ϕ 0.04mm	0.2mm	
TV Distortion (1")	0.02%	
Relative Illuminance (Y=8)	100%	
Wavelength	SWIR	
Resolution	Center	>120lp/mm
	Corner	>120lp/mm

Mechanical Specifications	
Mount	C-Mount
Flange Back	17.526mm
Sensor Size (max)	1"
Co-Axial Prism	Built-in
Filter Thread	M35.5 P=0.5
Weight	240g
Dimension	ϕ 38(max) x L 167mm
Operating Temp.	-10C +55C
Field of View (VxH)	
1"	5.6 x 5.6 mm
2/3"	3.6 x 4.2 mm
1/2"	2.4 x 3.2 mm

