

High Resolution Telecentric Lens Long WD series

Model	VS-TCH4-110CO			
Optical Mag.	$\times 4.0 \pm 5\%$			
FOV (VxH)	2/3"	1.7	$\times$	2.2 mm
	1/2"	1.2	$\times$	1.6 mm
	1/3"	0.9	$\times$	1.2 mm
WD	110.8 mm ± 3.3			
O/I (Object & Imager Distance)	256.8 mm			
Working F/#	22.2			
NA	0.090			
Resolution *at λ 550nm	3.73 μ			
DOF at PCoC ϕ 0.04mm	0.11 mm			
TV distortion (max.)	0.03 %			
Relative illuminance (Y=4)	87.0 %			
Wavelength	Visible (400nm – 700nm)			
Camera Mount	C-mount			
Flange Back	17.526 mm			
Sensor size (max.)	2/3"			
Co-axial prism	Built in			
Weight (approx.)	104.0 g			
Dimension	Φ 30 (MAX) $\times$ L= 128.5 mm			