

High Resolution Telecentric Lens Middle WD series

Model		VS-TCH05-65CO	
Optical Mag.		$\times 0.5 \pm 5\%$	
FOV (VxH)	2/3"	13.2	$\times 17.6$ mm
	1/2"	9.6	$\times 12.8$ mm
	1/3"	7.2	$\times 9.6$ mm
WD		75.3 mm	± 2
O/I (Object & Imager Distance)		153.3	mm
Working F/#		9.42	
NA		0.027	
Resolution *at λ 550nm		12.43	μ
DOF at PCoC ϕ 0.04mm		3.0	mm
TV distortion (max.)		0.02	%
Relative illuminance (Y=4)		94.0	%
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.)		74.5 g	
Dimension		Φ 32 (MAX) $\times$ L= 60.5 mm	

VS Technology Corporation