

Telecentric Lens

Model		VS-THV1-110CO/S-LQL1 + Liquid Lens + SV-EXR25			
Focus tunable lens (Optotune)	Model	EL-16-40-TC-VIS-5D-C			
	Focal power	-2 dpt		+3 dpt	
Extension Tube		SV-EXR25			
Optical Mag.		× 1.0		× 0.9	
FOV	1"	11.3	×	11.3 mm	12.5 × 12.5 mm
	2/3"	7.1	×	8.4 mm	7.9 × 9.3 mm
	1/2"	4.8	×	6.4 mm	5.3 × 7.1 mm
WD		121.7 mm		107.3 mm	
Optical leverage		2.88 mm/dpt			
O/I (Object & Imager Distance)		267.1 mm		252.7 mm	
Working F/#		10.3		9.3	
NA		0.049		0.048	
DOF at PCoC ϕ 0.04mm		0.8 mm		0.9 mm	
TV Distortion (1")		0.05 %		0.03 %	
Relative Illuminance (Y=8)		99 %		99 %	
Wavelength		Visible			
Mount		C-Mount			
Flange Back		17.526 mm			
Sensor Size (max.)		1"			
Co-Axial Prism		Built-in			
Filter Thread		M 30.5 P= 0.5			
Weight (approx.)		- g			
Dimension		ϕ 32 (max.) × L = 127.9 mm			