24-Mar-26
SP-M2170C-01

High Resolution Telecentric Lens

Model		VS-TCTV1-110/S
Optical Mag.		× 1.0 ± 5 %
FOV (V x H)	1.2″	12.6 × 14.6 mm
	1.1″	10.3 × 14.1 mm
	1″	11.3 × 11.3 mm
WD		109.0 mm ± 3.3
O/I (Object & Imager Distance)		345.0 mm
Working F/# *Value at Iris Open		5.6
NA		0.089
DOF at PCoC φ0.04mm		0.45 mm
TV Distortion (1.2″)		0.00 %
Relative Illuminance (Y=9.7)		100 %
Wavelength		Visible
Mount		C-Mount
Flange Back		17.526 mm
Sensor Size (max.)		1.2″
Co-Axial Prism		-
Filter Thread		M 46 P= 0.75
Weight (approx.)		640 g
Dimension		φ 49 (max.) × L = 218.4 mm

Notes:

*1 The above specifications are design values.

VS TECHNOLOGY CORPORATION