

Distortionless Macro Lens

Model		VS-LD10			
Focal length (f)		10 mm (10.27)			
Maximum Aperture Ratio		1:2.2 (2.20)			
Optical mag. range		× 0.02 ~ × 0.1			
Optical mag.		× 0.02	× 0.05	× 0.08	× 0.1
FOV (VxH mm)	2/3"	—	—	—	—
	1/2"	240.0×320.0	96.0×128.0	60.0×80.0	48.0×64.0
	1/3"	180.0×240.0	72.0×96.0	45.0×60.0	36.0×48.0
WD		499.8 mm	191.7 mm	114.6 mm	89.0 mm
O/I (Object & Imager distance)		543.0 mm	235.2 mm	158.5 mm	133.0 mm
Working F/#		2.24	2.31	2.38	2.42
DOF at PCoC ϕ 0.04mm		448.0 mm	73.9 mm	29.8 mm	19.4 mm
TV distortion (1/2")		0.08%	0.04%	-0.05%	-0.08%
Flange Back		17.526 mm			
Wavelength		Visible (400nm - 700nm)			
Mount		C-mount			
Filter Thread		M27 P=0.5			
Sensor size (max.)		1/2"			
Weight (approx.)		46 g			
Dimension		Φ 32 (MAX) × L= 26.5 (0.02x) ~ 26.7 (0.1x) mm			