

## 4/3" Distortionless Macro Lens

Model		VS-LLD10		
Focal Length(f)		10 mm		
Maximum Aperture Ratio		1: 2.8		
Optical Mag. Range		$(\infty) \times 0.05 \sim \times 0.15$		
Optical Mag.		$\times 0.05$	$\times 0.1$	$\times 0.15$
FOV (V x H)	4/3"	272.0 x 362.0 mm	136.0 x 181.0 mm	90.7 x 120.7 mm
	1"	225.2 x 225.2 mm	112.6 x 112.6 mm	75.1 x 75.1 mm
	2/3"	142.0 x 168.0 mm	71.0 x 84.0 mm	47.3 x 56.0 mm
WD		189.6 mm	87.2 mm	53.1 mm
O/I (Object & Imager Distance)		295.2 mm	190.1 mm	153.7 mm
Working F/# *Value at Iris Open		2.9	3.0	3.1
TV Distortion (4/3")		-0.33 %	-0.68 %	-0.92 %
Operation		Manual (Lock Screw M2)		
Wavelength		Visible		
Mount		C-Mount		
Flange Back		17.526 mm		
Sensor Size (max.)		4/3"		
Weight (approx.)		450 g		
Dimension		$\phi 74.5$ (max.) x L = 88.1 (X0.05) ~ 83.1 (X0.15) mm		