

## 4/3" Distortionless Macro Lens

Model		VS-LLD15		
Focal Length(f)		15 mm		
Maximum Aperture Ratio		1: 2.0		
Optical Mag. Range		$(\infty) \times 0.05 \sim \times 0.2$		
Optical Mag.		$\times 0.05$	$\times 0.1$	$\times 0.2$
FOV (V x H)	4/3"	272.0 x 362.0 mm	136.0 x 181.0 mm	68.0 x 90.5 mm
	1"	225.2 x 225.2 mm	112.6 x 112.6 mm	56.3 x 56.3 mm
	2/3"	142.0 x 168.0 mm	71.0 x 84.0 mm	35.5 x 42.0 mm
WD		285.2 mm	132.5 mm	56.8 mm
O/I (Object & Imager Distance)		388.9 mm	234.2 mm	155.9 mm
Working F/# *Value at Iris Open		2.1	2.2	2.3
TV Distortion (4/3")		-0.14 %	-0.36 %	-0.64 %
Operation		Manual (Lock Screw M2)		
Wavelength		Visible		
Mount		C-Mount		
Flange Back		17.526 mm		
Sensor Size (max.)		4/3"		
Filter Thread		M 49 P= 0.75		
Weight (approx.)		330 g		
Dimension		$\phi 52$ (max.) x L = 86.1 (X0.05) ~ 81.5 (X0.2) mm		