

## 4/3" Distortionless Macro Lens

Model		VS-LLD20		
Focal Length(f)		20 mm		
Maximum Aperture Ratio		1: 2.0		
Optical Mag. Range		$(\infty) \times 0.05 \sim \times 0.25$		
Optical Mag.		$\times 0.05$	$\times 0.15$	$\times 0.25$
FOV (V x H)	4/3"	272.0 x 362.0 mm	90.7 x 120.7 mm	54.4 x 72.4 mm
	1"	225.2 x 225.2 mm	75.1 x 75.1 mm	45.0 x 45.0 mm
	2/3"	142.0 x 168.0 mm	47.3 x 56.0 mm	28.4 x 33.6 mm
WD		386.4 mm	115.4 mm	61.8 mm
O/I (Object & Imager Distance)		487.5 mm	216.1 mm	162.4 mm
Working F/# *Value at Iris Open		2.1	2.2	2.3
TV Distortion (4/3")		-0.10 %	-0.22 %	-0.30 %
Operation		Manual (Lock Screw M2)		
Wavelength		Visible		
Mount		C-Mount		
Flange Back		17.526 mm		
Sensor Size (max.)		4/3"		
Filter Thread		M 43 P= 0.75		
Weight (approx.)		310 g		
Dimension		$\phi 50.5$ (max.) x L = 83.6 (X0.05) ~ 83.1 (X0.25) mm		