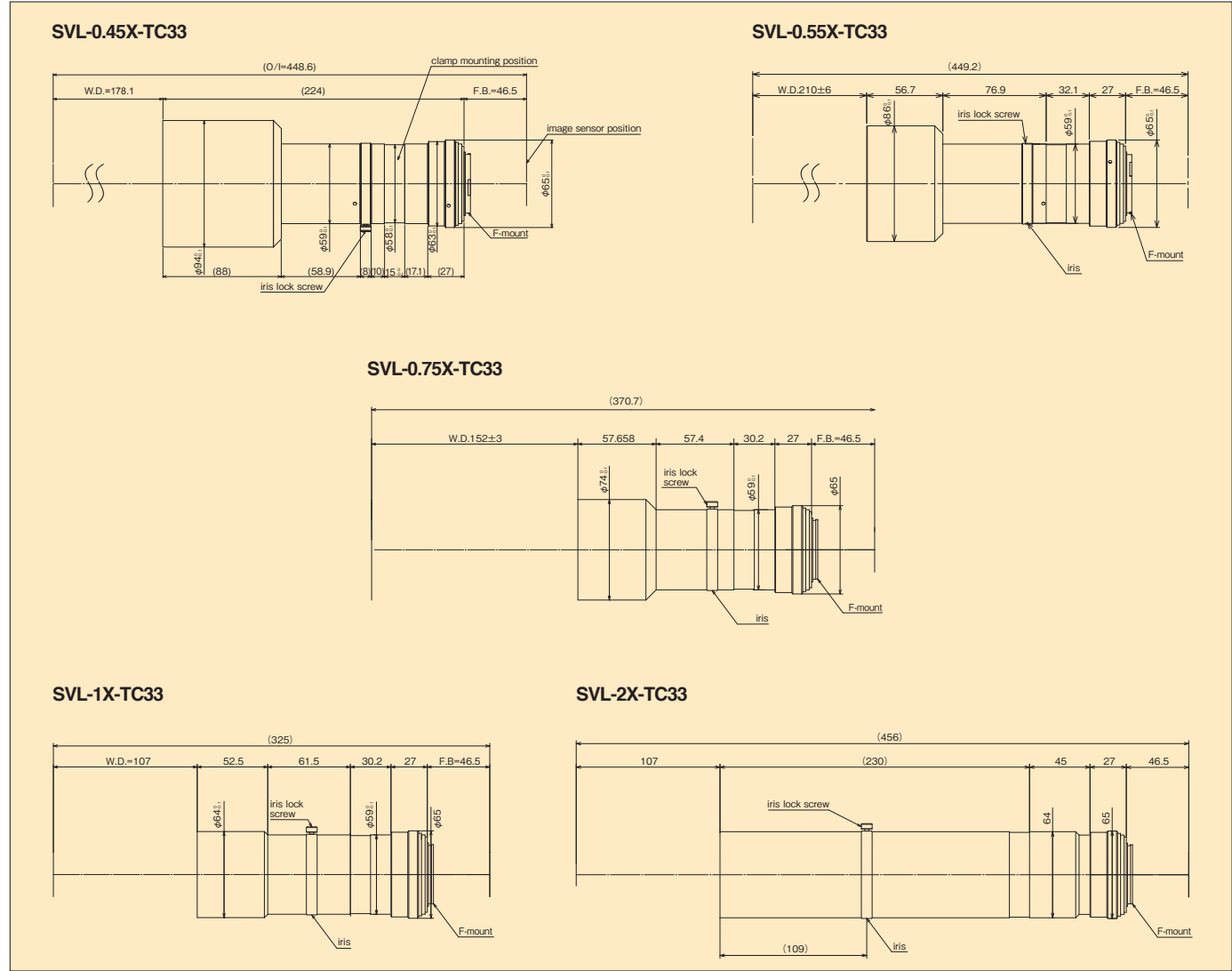


Image Circle 33mm High resolution Telecentric lens

SVL-TC33 series

Straight type

Both side telecentric lens for super high resolution 25M pixel camera. It helps to improve performance and tact-up of various inspection equipment. Possible to offer Coaxial illumination port type. Please contact us.



Specification

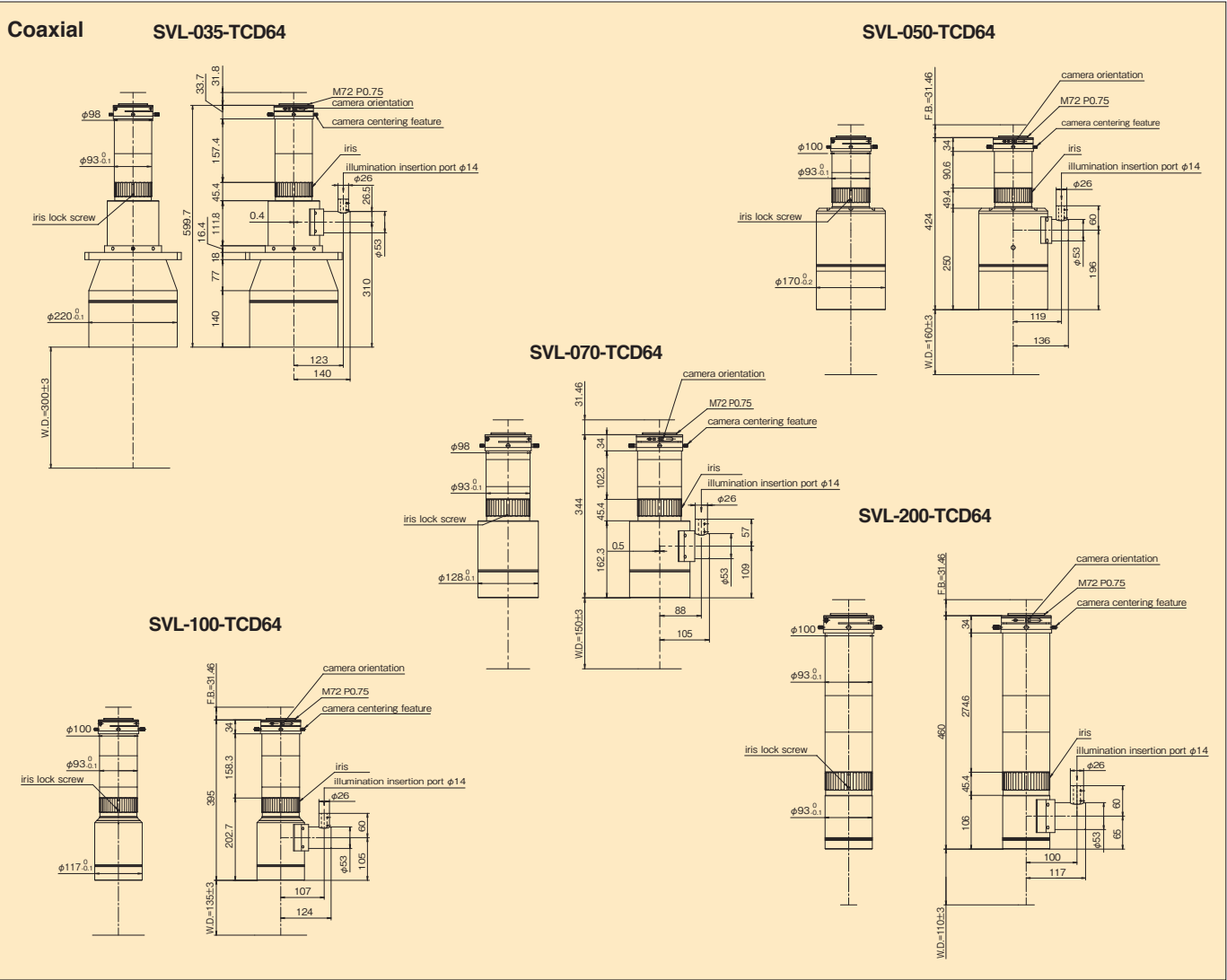
Model #	SVL-0.45X-TC33	SVL-0.55X-TC33	SVL-0.75X-TC33	SVL-1X-TC33	SVL-2X-TC33
Magnification	0.45X	0.55X	0.75X	1X	2X
Working distance	178mm	210mm	152mm	107mm	107mm
Focal depth	2.96mm	1.79mm	1.02mm	0.57mm	0.14mm
Distortion (Aperture full open)	0.01% or less	0.01% or less	0.01% or less	0.01% or less	0.01% or less
Resolution LP/mm	89LP/mm	119LP/mm	154LP/mm	208LP/mm	416LP/mm
Resolution power	11.2μm	8.4μm	6.5μm	4.8μm	2.4μm
N.A. (Aperture full open)	0.03	0.04	0.052	0.07	0.14
F number (Aperture full open)	7.5	6.8	7.2	7.1	7.2
Camera mount	F-MOUNT (M42 P=1.0 Mount)				
Image circle	φ33mm				
Weight	Approx 1.5kg	Approx 1.6kg	Approx 1.5kg		

Telecentric Lens for Line Sensor Camera

SVL series

Coaxial type/Straight type

Telecentric lens for line sensor camera.
64mm maximum sensor size.
Ideal for capturing the image of glass substrate, the patterns on mirror.
Choose from a variety of camera mount options.



Specification

Model #	Coaxial	SVL-035-TC64	SVL-050-TC64	SVL-070-TC64	SVL-100-TC64	SVL-200-TC64
	Straight	—	SVL-050-TC64	SVL-070-TC64	SVL-100-TC64	SVL-200-TC64
Magnification		0.35X	0.5X	0.7X	1X	2X
Working distance		300mm	160mm	150mm	135mm	110mm
Focal depth		5.2mm	1.76mm	914μm	456μm	160μm
Distortion		0.06% or less	0.2% or less	0.1% or less	0.1% or less	0.02% or less
Resolution LP/mm		58LP/mm	126LP/mm	169LP/mm	220LP/mm	340LP/mm
Resolution power		17.2μm	7.9μm	5.9μm	4.5μm	2.9μm
N.A		0.022	0.045	0.062	0.087	0.124
F number		8	5.5	5.6	5.7	8
Camera mount		72mm P=0.75				
Maximum device		64mm				
Weight	Coaxial	Approx 17kg	Approx 9.3kg	Approx 7.3kg	Approx 5.3kg	Approx 5.1kg
	Straight	—	Approx 8.9kg	Approx 6.9kg	Approx 4.9kg	Approx 4.7kg