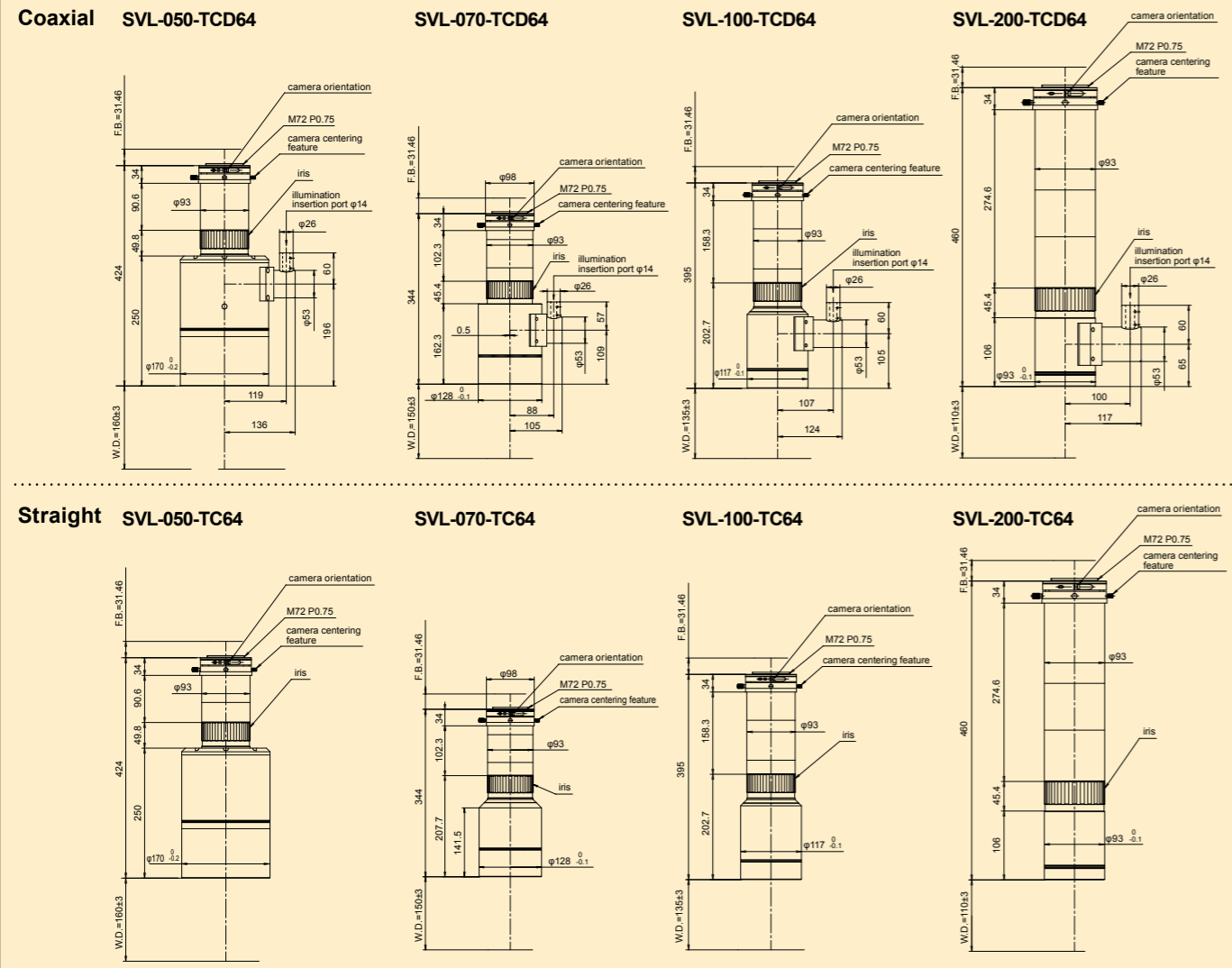


Telecentric Lens for Line Sensor Camera

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

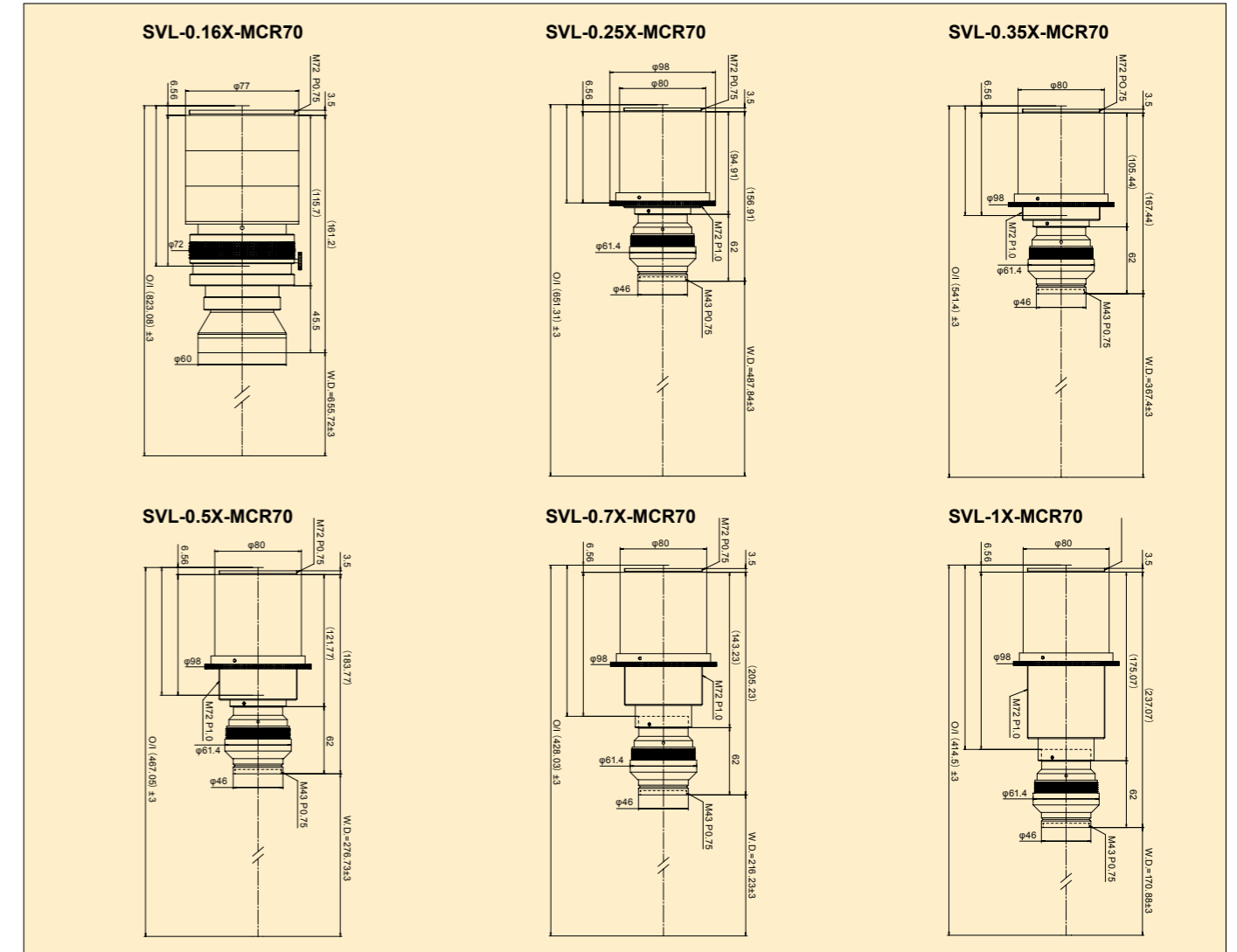
Model #	Coaxial	SVL-050-TC64	SVL-070-TC64	SVL-100-TC64	SVL-200-TC64
	Straight	SVL-050-TC64	SVL-070-TC64	SVL-100-TC64	SVL-200-TC64
Magnification		0.5X	0.7X	1X	2X
Working distance		160mm	150mm	135mm	110mm
Focal depth		1.76mm	914μm	456μm	160μm
Distortion		0.2% or less	0.1% or less	0.1% or less	0.02% or less
Resolution LP/mm		126LP/mm	169LP/mm	220LP/mm	340LP/mm
Resolution power		7.9μm	5.9μm	4.5μm	2.9μm
N.A		0.045	0.062	0.087	0.124
F number		5.5	5.6	5.7	8
Camera mount		72mm P0.75			
Maximum device		64mm			
Weight	Coaxial	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

Macro Lens for Line Sensor Camera

SVL Macro Lens series

Focus-lock mechanism/ Iris-lock mechanism

φ70mm maximum image-sensor size. Designed for testing application with high-resolution line-sensor camera by capturing high contrast image. Suitable for film sheet test and foreign object test on glass surface. Magnification changeable by focusing tube.



■ Specification

Model #	SVL-0.16X-MCR70	SVL-0.25X-MCR70	SVL-0.35X-MCR70	SVL-0.5X-MCR70	SVL-0.7X-MCR70	SVL-1X-MCR70
Magnification	0.166X	0.25X	0.35X	0.5X	0.7X	1X
Working distance	655mm	487mm	367mm	276mm	216mm	170mm
Focal distance (f)	100mm	105mm	105mm	105mm	105mm	105mm
Iris range (F number)	4~32	5.6~22	5.6~22	5.6~22	5.6~22	5.6~22
Resolution power for 3.5μm/pixel	21μm/pixel	14μm/pixel	10μm/pixel	7μm/pixel	5μm/pixel	3.5μm/pixel
Resolution power for 5μm/pixel	30μm/pixel	20μm/pixel	14μm/pixel	10μm/pixel	7μm/pixel	5μm/pixel
Resolution power for 7μm/pixel	42μm/pixel	28μm/pixel	20μm/pixel	14μm/pixel	10μm/pixel	7μm/pixel
Maximum device length	70mm					
Camera mount	M72 P0.75					
Camera flange back	6.56mm Note : Camera flange focus can be adjusted by changing the focus tube with camera specification.					