

Line scan lenses for 8K 7 um cameras (62 mm image circle)

LS-LSL-3 series · Line scan lenses · 17 models

1x Line Scan Lens. Line scan lens selection table: focal length, maximum image circle, center magnification / working distance, FOV per camera type and mount options.



Common specifications

Sensor class	8K 7 μm
Max image circle	dia. 62 mm

Models

Model	Focal length	Center magnification	Center working distance	Center conjugate distance (I.O)	FOV with 8k 7 μ m camera	FOV with 8k 5 μ m camera	FOV with 4k 7 μ m camera
LS-SLS4028M-0.16X	40 mm	0.1x	400 mm	530 mm	133-1000 mm	133-1000 mm	93-700 mm
LS-SLS4056M-0.16X	40 mm	0.16x	270 mm	357 mm	187-1400 mm	133-1000 mm	93-700 mm
LS-SLS5040M-0.05X	50 mm	0.05x	1000 mm	1103 mm	814-2280 mm	571-1600 mm	400-1120 mm
LS-SLS5040M-0.15X	50 mm	0.15x	350 mm	463 mm	280-560 mm	200-400 mm	140-280 mm
LS-SLS5040M-0.1X	50 mm	0.1x	500 mm	606 mm	380-814 mm	266-571 mm	186-400 mm
LS-SLS5040M-0.2X	50 mm	0.2x	270 mm	381 mm	228-380 mm	160-266 mm	112-186 mm
LS-SLS5056M-0.13X	50 mm	0.13x	408 mm	499 mm	187-1867 mm	133-1333 mm	93-933 mm
LS-SLS6040M-0.1X	60 mm	0.1x	635 mm	723 mm	311-1867 mm	222-1333 mm	155-933 mm
LS-SLS8040M-0.067X	80 mm	-	-	-	-	-	-
LS-SLS8040M-0.13X	80 mm	0.13x	690 mm	736 mm	311-560 mm	222-400 mm	156-280 mm
LS-SLS8040M-0.25X	80 mm	0.25x	385 mm	533 mm	152-285 mm	106-200 mm	74-140 mm
LS-SLS8040M-0.5X	80 mm	0.5x	225 mm	391 mm	91-152 mm	64-106 mm	45-74 mm
LS-SLS8040M-0.75X	80 mm	0.75x	170 mm	354 mm	63-91 mm	44-64 mm	31-45 mm
LS-SLS8040M-1X	80 mm	1x	140 mm	347 mm	47-62 mm	33-44 mm	23-31 mm
LS-SLS8040N-0.1X	80 mm	0.1x	820 mm	927 mm	224-1120 mm	160-800 mm	112-560 mm
LS-SLS8040N-0.35X	80 mm	0.35x	267 mm	394 mm	112-224 mm	80-160 mm	56-112 mm
LS-SLS8056A-0.3X	80 mm	0.2x	322 mm	450 mm	140-280 mm	100-200 mm	70-140 mm

More values per model (FOV with 16k 3.5 μ m camera, FOV with 4k 5 μ m camera, Magnification range, Working distance range, Conjugate distance range (I.O), Mount (derived), Mount options, Magnification range (WD/Mag data), Working distance range (WD/Mag data), Conjugate distance range (WD/Mag data)) are on each product page.