

Line scan lenses for 16K 5 um cameras (82-90 mm image circle)

LS-LSL-4 series · Line scan lenses · 10 models

5x 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	16K 5 μ m
Mount options	M42, M58, M72, M90, M95

Models

Model	Focal length	Max image circle	Center magnification	Center working distance	Center conjugate distance (I.O)	FOV with 16k 5 μ m camera	FOV with 16k 3.5 μ m camera
LS-SLS1605N-0.5X	116 mm	dia. 82 mm	0.5x	298 mm	497 mm	148-174 mm	104-122 mm
LS-SLS1607N-0.75X	116 mm	dia. 82 mm	0.75x	224 mm	452 mm	94-114 mm	66-80 mm
LS-SLS1610M-1X	116 mm	dia. 90 mm	1x	188 mm	442 mm	74-87 mm	52-61 mm
LS-SLS1602M-0.26X	146 mm	dia. 90 mm	0.26x	645 mm	865 mm	267-364 mm	187-255 mm
LS-SLS1605M-0.5X	146 mm	dia. 90 mm	0.5x	384 mm	632 mm	148-174 mm	104-122 mm
LS-SLS1605M-0.75X	146 mm	dia. 90 mm	0.75x	286 mm	575 mm	94-114 mm	66-80 mm
LS-SLS1613M-1.33X	146 mm	dia. 90 mm	1.33x	204 mm	574 mm	53-67 mm	37-47 mm
LS-SLS1620M-2X	146 mm	dia. 90 mm	2x	169 mm	632 mm	32-46 mm	22-32 mm
LS-SLS1630M-3X	146 mm	dia. 90 mm	3x	150 mm	764 mm	23-30 mm	16-21 mm
LS-SLS1633M-0.33X	146 mm	dia. 90 mm	0.33x	533 mm	764 mm	216-267 mm	151-187 mm

More values per model (FOV with 8k 7 μ m camera, Magnification range, Working distance range, Conjugate distance range (I.O)) are on each product page.