

Line scan lenses for 4K 7 um cameras (32 mm image circle)

LS-LSL-1 series · Line scan lenses · 9 models

065x, M42-mount 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	4K 7 μm
Max image circle	dia. 32 mm
Mount options	M42

Models

Model	Focal length	Center magnification	Center working distance	Center conjugate distance (I.O)	FOV with 4k 7 μ m camera	FOV with 4k 5 μ m camera	Magnification range
LS-SLS2040M-0.065X	20 mm	0.065x	314 mm	382 mm	93.3-1400 mm	67-1000 mm	0.02-0.3x
LS-SLS2540M-0.03X	25 mm	0.03x	870 mm	952 mm	560-1867 mm	400-1333 mm	0.015-0.05x
LS-SLS2540M-0.08X	25 mm	0.085x	300 mm	385 mm	233-560 mm	166-400 mm	0.05-0.12x
LS-SLS2540M-0.15X	25 mm	0.15x	160 mm	248 mm	160-224 mm	114-160 mm	0.125-0.175x
LS-SLS2540M-0.24X	25 mm	0.24x	100 mm	192 mm	96-156 mm	69-111 mm	0.18-0.29x
LS-SLS3528M-0.05X	35 mm	0.05x	700 mm	772 mm	233-1400 mm	167-1000 mm	0.02-0.12x
LS-SLS3528M-0.1X	35 mm	0.1x	350 mm	421 mm	187-560 mm	133-400 mm	0.05-0.15x
LS-SLS3528M-0.2X	35 mm	0.2x	190 mm	264 mm	112-186 mm	80-133 mm	0.15-0.25x
LS-SLS3528M-0.5X	35 mm	0.5x	84 mm	169 mm	40-93 mm	28.6-66.7 mm	0.3-0.7x

More values per model (Working distance range, Conjugate distance range (I.O), Magnification range (WD/Mag data), Working distance range (WD/Mag data), Conjugate distance range (WD/Mag data)) are on each product page.