

LWIR Thermal lenses

LS-LWIR series · Thermal, SWIR & UV lenses · 194 models

45 mm, F1, M25x1-mount LWIR Thermal Lens. Long-wavelength infrared (LWIR) thermal lenses designed for commercial and military applications.

Applications

- Commercial
- Military



Models

Model	Focal length	Aperture	Sensor	Focus method	Mechanical back focal length	Mount	Image circle (derived)
LS-LIR0033-0G	2.45 mm	F1	384x288 17um	Fixed	4 mm	M25x1	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIRJ5	2 mm	F1.3	160x120 12um	Fixed	1.4 mm	M7x0.25	dia. 2.4 mm, from the 160 x 120 detector at 12 micron pitch
LS-STRLW47L1	2.1 mm	F1.1	80X60 35um	Fixed	5.1 mm	M16x0.5	-
LS-STRLW50L1	1.8 mm	F1.1	160x120 17um	Fixed	3.5 mm	M17X0.5	dia. 3.4 mm, from the 160 x 120 detector at 17 micron pitch
LS-LWIRO31F11	3.1 mm	F1.1	160x120 17um	Fixed	4 mm	M17X0.5	dia. 3.4 mm, from the 160 x 120 detector at 17 micron pitch

LS-SLWIR42	3.5 mm	F1	256×192 12μm	Fixed	4 mm	M14×0.5	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-STRFA66K5L1	3.5 mm	F1.0	320×240 20μm	Adjustable focus	6.26 mm	M34×0.75	dia. 8 mm, from the 320 x 240 detector at 20 micron pitch
LS-STRLW49L1	2.64 mm	F1.1	240×180 17μm	Fixed	5.4 mm	M17×0.75	dia. 5.1 mm, from the 240 x 180 detector at 17 micron pitch
LS-LIR0061-OH	3.7 mm	F1	384×288 17μm	Fixed	6.5 mm	M20×0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLTR3810640	3.8 mm	F1.0	-	-	17.6 mm	M34 x 0.5	-
LS-SLTR4410800	4.4 mm	F1.0	-	-	13.5 mm	M45 x 1	-
LS-SLTR4610640	4.6 mm	F1.0	-	-	17.6 mm	M34 x 0.5	-
LS-SLWIR55	4 mm	F1	384×288 17μm	Fixed	7.5 mm	M34×0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIR59	4 mm	F1	256×192 12μm	Fixed	5.3 mm	M17×0.75	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIR64	3.7 mm	F1.2	384×288 12μm	Fixed	6.1 mm	M20×0.5	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-SLWIR68	4 mm	F1.2	384×288 17μm	Fixed	7 mm	M16×0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch

LS-SLWIR81	4.3 mm	F1.2	256×192 12μm	Fixed	2.575 mm	M9×0.25	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIRF8	4.5 mm	F1.2	384×288 12μm	Fixed	5 mm	M11.6×0.5	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-STRLW28L1	3.7 mm	F1.1	256×192 12μm	Fixed	2.6 mm	M9×0.5	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-STRLW41L1	3.7 mm (new)	F1.1	256×192 12μm	Fixed	3.15 mm	M10×0.5	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIR510Z84	5.5 mm	F1.0	-	-	62.36 mm	Flange	-
LS-SLTR5610800	5.6 mm	F1.0	-	-	13.5 mm	M45 x 1	-
LS-SLWIR93	4.8 mm	F1.2	640×512 12μm	Fixed	6.93 mm	M34×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRE9	4.8 mm	F1	640×512 12μm	Fixed	7.6 mm	M17×0.75	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRF9	5.3 mm	F1.2	384×288 12μm	Fixed	5 mm	M12.8×0.5	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-STRLW15L1	5 mm	F1.2	160×120 17μm	Fixed	7.22 mm	M20×0.75	dia. 3.4 mm, from the 160 x 120 detector at 17 micron pitch

LS-STRLW15L2	5 mm	F1.2	160x120 17µm	Fixed	7.22 mm	M20x0.75	dia. 3.4 mm, from the 160 x 120 detector at 17 micron pitch
LS-LWIR062F11	6.2 mm	F1.1	160x120 17µm	Fixed	4 mm	M17x0.5	dia. 3.4 mm, from the 160 x 120 detector at 17 micron pitch
LS-LIR0037-OG	6 mm	-	640x512 17µm	-	-	-	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-LIR0050-OG	6.8 mm	F1.4	320x240 17µm	Fixed	9.1 mm	M25x0.5	dia. 6.8 mm, from the 320 x 240 detector at 17 micron pitch
LS-SLWIR40	6.8 mm	F1.2	240x180 17µm	Fixed	4.2 mm	M17x0.75	dia. 5.1 mm, from the 240 x 180 detector at 17 micron pitch
LS-SLWIR43	7 mm	F1	256x192 12µm	Fixed	4 mm	M14x0.5	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIR46	6.2 mm	F1	384x288 17µm	Fixed	8 mm	M34x0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIR60	7 mm	F1	256x192 12µm	Fixed	4.8 mm	M17x0.75	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIR70	6.8 mm	F1	384x288 12µm	Fixed	7.5 mm	M20x0.5	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch

LS-SLWIR83	6.8 mm	F1.2	384×288 17μm	Fixed	6.1 mm	M17×0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIRA4	6.3 mm	F1.1	384×288 12μm	Fixed	6.1 mm	M20×0.5	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-STRFA66L3L1	6.5 mm	F1.2	320×240 17μm	Fixed	15.8 mm	M32×1.5	dia. 6.8 mm, from the 320 x 240 detector at 17 micron pitch
LS-STRLW27L1	7 mm	F1.1	400×300 17μm	Fixed	7.5 mm	M34×0.75	dia. 8.5 mm, from the 400 x 300 detector at 17 micron pitch
LS-SLWIR66	7.8 mm	F1.2	640×512 14μm	Fixed	10 mm	M30×0.5	dia. 11.5 mm, from the 640 x 512 detector at 14 micron pitch
LS-SLWIRE1	7.6 mm	F1	640×512 10μm	Fixed	4.375 mm	Flange	dia. 8.2 mm, from the 640 x 512 detector at 10 micron pitch
LS-SLWIR57	9.2 mm	F1.2	640×512 12μm	Fixed	3.91 mm	M15×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIR58	9.1 mm	F1	640×512 12μm	Fixed	7.5 mm	M20×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIR61	9 mm	F1	256×192 12μm	Fixed	4.8 mm	M17×0.75	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch

LS-SLWIR71	9 mm	F1	384×288 12μm	Fixed	7.5 mm	M20×0.5	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-SLWIR96	9 mm	F1	640×512 12μm	Fixed	10 mm	M30×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIR99	8.5 mm	F1.2	640×512 12μm	Fixed	6 mm	M14×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRA2	8.7 mm	F1.2	1280×1024 12μm	Fixed	9 mm	M34×0.5	dia. 19.7 mm, from the 1280 x 1024 detector at 12 micron pitch
LS-SLWIRD9	9 mm	F1	640×512 10μm	Manual focus	4.37 mm	Flange	dia. 8.2 mm, from the 640 x 512 detector at 10 micron pitch
LS-SLWIRE7	9.1 mm	F1.2	640×512 12μm	Fixed	7.5 mm	M20×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRF1	9.1 mm	F0.95	640×512 12μm	Fixed	8.8 mm	M28×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRF2	9 mm	F0.9	256×192 12μm	Fixed	5.3 mm	M17×0.75	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIRF3	9.1 mm	F0.95	640×512 12μm	Fixed	5.8 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch

LS-SLWIRG2	9.1 mm	F1	640×512 12μm	Fixed	6 mm	M18×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRG5	9.1 mm	F1	640×512 12μm	Fixed	2.3 mm	M19.8×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRJ2	9.1 mm	F1.1	640×512 12μm	Fixed	6.6 mm	M18×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-LIR0023-OG	10 mm	F1	640x512 17um	Fixed	13.5 mm	M34x0.75	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-LIR0027-OG	9.7 mm	F1	400x300 17um	Fixed	6 mm	M20×0.5	dia. 8.5 mm, from the 400 x 300 detector at 17 micron pitch
LS-SLWIR92	10 mm	F1	384×288 17μm	Fixed	4.5 mm	M25×0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIRA1	10 mm	F1	384×288 17μm	Fixed	4.5 mm	M25×0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIRC9	10 mm	F1	256×192 12μm	Fixed	3.7 mm	M4×0.5	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-STRFA66K8L1	10 mm	F1	384×288 17μm	Adjustable focus	6.44 mm	M45×1.0	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch

LS-SLWIRB7	11.5 mm	F1.2	640×512 12μm	Fixed	8 mm	M19×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRC7	10.9 mm	F0.7	640×512 12μm	Fixed	5.35 mm	M26×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRD6	10.7 mm	F1	1920×1080 8μm	Fixed	9 mm	M34×0.5	dia. 17.6 mm, from the 1920 x 1080 detector at 8 micron pitch
LS-SLWIRC2	11.7 mm	F0.7	640×512 12μm	Fixed	4 mm	M26×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-STRFAG66N5L1	12 mm	F1	1280×960 3.75μm	Fixed	3 mm	M19×0.5	dia. 6 mm, from the 1280 x 960 detector at 3.75 micron pitch
LS-LIR0040-OG	13 mm	F1	384x288 20um	Fixed	7.33 mm	M25x0.75	dia. 9.6 mm, from the 384 x 288 detector at 20 micron pitch
LS-LIR0066-OH	13 mm	F1	640x512 17um	Fixed	6.5 mm	M24x0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIRO9	13 mm	F1	384x288 17μm	Fixed	9 mm	M25×0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIR45	13.5 mm	F1	640×512 12μm	Fixed	8 mm	M20×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch

LS-SLWIR48	13 mm	F1	384×288 17μm	Fixed	7.5 mm	M25×0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIR67	13 mm	F1	640×512 17μm	Fixed	10 mm	M30×0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR74	13 mm	F1	384×288 17μm	Fixed	7.5 mm	M20×0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIRA5	13 mm	F1	256×192 12μm	Fixed	6 mm	M17×0.75	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIRC3	13 mm	F0.9	384×288 12μm	Fixed	6.1 mm	M17×0.75	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-SLWIRD2	13 mm	F1.2	640×512 12μm	Fixed	7.5 mm	M17×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRE5	13 mm	F1.2	640×512 12μm	Fixed	8.5 mm	M20×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRG1	13.5 mm	F1.1	640×512 12μm	Fixed	5.5 mm	M22×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRJ8	13 mm	F0.9	384×288 12μm	Fixed	7.43 mm	M31×0.75	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch

LS-STRLW09L3	13 mm	F1.0	384x288 17µm	-	-	-	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRLW18L1	13 mm	F1.1	384x288 17um	Fixed	4.2 mm	M17x0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRLW18L2	13 mm	F1.1	384x288 17um	Fixed	4.2 mm	M17x0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRLW26L1	13 mm	F1	384x288 17um	Fixed	4.2 mm	M17x0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRLW26L2	13 mm	F1	384x288 17um	Fixed	4.2 mm	M17x0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRLW32L1	13 mm	F1	640x512 17um	Fixed	9.5 mm	M34x0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-FAL0054-OH	14x eyepiece	-	8.127mmx6.095mm	Fixed	10.5 mm	M35x0.75	-
LS-LIR0020-OG	14 mm	F1.2	640x480 17um	-	-	-	dia. 13.6 mm, from the 640 x 480 detector at 17 micron pitch
LS-SLWIR56	14 mm	F1	1024x768 14µm	Manual focus	7.75 mm	M45x1	dia. 17.9 mm, from the 1024 x 768 detector at 14 micron pitch
LS-SLWIR89	15 mm	F1	256x192 12µm	Fixed	4 mm	M14x0.5	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch

LS-SLWIRJ6	15 mm	F1	384×288 12μm	Manual focus	0.78 mm	Flange	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-STRFA66K1L1	15 mm	F1.0	320×240 20μm	Fixed	8.72 mm	M20×0.5	dia. 8 mm, from the 320 x 240 detector at 20 micron pitch
LS-STRFA66K3L1	15 mm	F1	384×288 17μm	Adjustable focus	7.5 mm	M45×1.0	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRFA66L4L1	15 mm	F1	640×512 17μm	Adjustable focus	8.95 mm	M45×1.0	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW21L1	16 mm	F1.0	1024x768 14um	Fixed	15.1 mm	M34x0.75	dia. 17.9 mm, from the 1024 x 768 detector at 14 micron pitch
LS-STRLW30L1	16 mm	F1	640x512 20um	Fixed	7.5 mm	M26×0.5	dia. 16.4 mm, from the 640 x 512 detector at 20 micron pitch
LS-STRLW38L1	16 mm	F1.0	1024x768 14um	Manual focus	7.75 mm	M45x1	dia. 17.9 mm, from the 1024 x 768 detector at 14 micron pitch
LS-LIR0021-OG	17 mm	F1.2	640x480 17um	-	-	-	dia. 13.6 mm, from the 640 x 480 detector at 17 micron pitch
LS-STRFA66P1L1	17x eyepiece	-	8mmx6mm	Fixed	3.26 mm	M24X8(P=1)	-
LS-LIR0059-OH	18 mm	F1	640x512 17um	Fixed	7.5 mm	M25x0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch

LS-SLWIRB8	18.24 mm (2.5x)	F0.8	1024×768 12μm	Fixed	9.15 mm	M50×1	dia. 15.4 mm, from the 1024 x 768 detector at 12 micron pitch
LS-LIR0029-OG	19 mm	F1	384x288 25um	Fixed	9 mm	M25×0.5	dia. 12 mm, from the 384 x 288 detector at 25 micron pitch
LS-LIR0039-OG	19 mm	F1	384x288 20um	Fixed	7.43 mm	M25×0.75	dia. 9.6 mm, from the 384 x 288 detector at 20 micron pitch
LS-SLWIR17	19 mm	F1	384×288 17μm	Fixed	7.43 mm	M25×0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIR33	19 mm	F1	640×512 17μm	Fixed	9.5 mm	M34×0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR62	19 mm	F1	640×512 12μm	Fixed	9 mm	M25×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIR97	19 mm	F1	640×512 12μm	Motorized focus	9 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRB5	19 mm	F1	256×192 12μm	Manual focus	3.89 mm	Flange	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIRJ3	19 mm	F1	384×288 12μm	Manual focus	5.425 mm	Flange	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch

LS-STRFA66L9L2	19-30 mm	F1.1	384x288 17um	Fixed	-	M26X0.5	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRFA66P4L1	19 mm	F2.2	1000x1000 2.7um	Fixed	2.19 mm	M10x0.5	dia. 3.8 mm, from the 1000 x 1000 detector at 2.7 micron pitch
LS-STRLW22L1	19 mm	F1.2	384x288 17um	Fixed	4.2 mm	M17x0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRLW22L2	19 mm	F1.2	384x288 17um	Fixed	4.2 mm	M17x0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRLW44L1	19 mm	F1	640x512 12um	Adjustable focus	7.5 mm	M25x0.75	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-STRFA66P2L1	22 mm	-	1960x1200 3.75um	Fixed	4.2 mm	M22.6x0.5	dia. 8.6 mm, from the 1960 x 1200 detector at 3.75 micron pitch
LS-SLWIRO4	25 mm	F1	384x288 17um	Manual focus	8.5 mm	M33x0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIR31	25 mm	F1.1	640x512 12um / 400x300 17um	Fixed	11.5 mm	M31x2.25(p=0.75)	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIR54	25 mm	F1	640x512 12um	Adjustable focus	7.1 mm	M25x0.75	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch

LS-SLWIR63	25 mm	F1	640×512 12μm	Fixed	9 mm	M25×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRC6	25 mm	F1.4	640×512 12μm	Manual focus	2.78 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRE6	25 mm	F1	256×192 12μm	Manual focus	4.89 mm	Flange	dia. 3.8 mm, from the 256 x 192 detector at 12 micron pitch
LS-SLWIRG8	25 mm	F1	384×288 12μm	Manual focus	8.22 mm	Flange	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-STRFM100000	25 mm	F1.0	384×288 17μm	Fixed	8.5 mm	M34×0.75	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRFA66K2L3	25 mm	F1.2	320×240 17μm	Adjustable focus	8.5 mm	M34×1.5	dia. 6.8 mm, from the 320 x 240 detector at 17 micron pitch
LS-STRFA66K4L1	25 mm	F1.0	384×288 17μm	Adjustable focus	7.5 mm	M45×1.0	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRFA66L5L1	25 mm	F1.2	640×480 17μm	Fixed	11.1 mm	M34×0.75	dia. 13.6 mm, from the 640 x 480 detector at 17 micron pitch
LS-STRLW02L1	25 mm	F1.2	320×240 17μm	Fixed	15.8 mm	M32×1.5	dia. 6.8 mm, from the 320 x 240 detector at 17 micron pitch

LS-STRLW34L1	25 mm	F1	640x512 17μm	Fixed	9.5 mm	M34x0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW37L1	26 mm	F1.2	640x512 17μm	Adjustable focus	7 mm	M32X0.75	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-LWIR281F28	28.1 mm	F2.8	2560x1440 2μm	Fixed	4.5 mm	M9.5x0.5	dia. 5.9 mm, from the 2560 x 1440 detector at 2 micron pitch
LS-FAL0057-OH	28 mm	F2.8	-	Fixed	-	Flange	-
LS-LIR0025-OG	30-150 mm	F1.2	640x512 17μm	Focus: motorized / Zoom: motorized	8.25 mm	M45x1	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR72	30 mm	F1	1024x768 14μm	Manual focus	7.75 mm	M45x1	dia. 17.9 mm, from the 1024 x 768 detector at 14 micron pitch
LS-SLWIRA9	32 mm	F1	1280x1024 12μm	Fixed	7 mm	M45x1	dia. 19.7 mm, from the 1280 x 1024 detector at 12 micron pitch
LS-SLWIR98	33 mm (macro)	F1.2	640x512 12μm	Fixed	9 mm	M30x0.75	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-LIR0019-OG	35 mm	F1.1	640x480 17μm	Fixed	10 mm	M34x0.75	dia. 13.6 mm, from the 640 x 480 detector at 17 micron pitch
LS-LIR0047-OG	35 mm	F1.0	384x288 17μm	Adjustable focus	7.02 mm	Flange	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch

LS-SLWIR19	35 mm	F1	640×512 17μm	Fixed	8.01 mm	M34×0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR36	35 mm	F1	640×512 17μm	Adjustable focus	7.5 mm	M33×0.75	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR77	35 mm	F1	384×288 12μm / 384×288 17μm	Fixed	11 mm	M33×0.5	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-SLWIR95	35 mm	F1	640×512 12μm	Adjustable focus	8.3 mm	M33×0.75	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRD1	35 mm	F1	640×512 12μm	Manual focus	3.89 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRD8	35 mm	F1	384×288 12μm	Manual focus	4.22 mm	Flange	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-SLWIRF4	35 mm	F1	640×512 12μm	Manual focus	4.89 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRG3	35 mm	F1	640×512 12μm	Fixed	3.83 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRG7	35 mm	F0.9	640×512 12μm	Manual focus	7 mm	M46×0.75	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch

LS-STRFA66K7L1	35 mm	F1.0	384×288 17μm	Adjustable focus	7.25 mm	M45×1.0	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRFA66L6L1	35 mm	F1	640×512 17μm	Fixed	7.75 mm	M45x1	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW19L2	35 mm	F1	640×512 17μm	Fixed	7 mm	M34x0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW19L3	35 mm	F1	640×512 17μm	Fixed	7.5 mm	M38X3(P=1)	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW19L4	35 mm	F1	640×512 17μm	Fixed	13.5 mm	M33X0.75	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW19L5	35 mm	F1	640×512 17μm	Fixed	7.5 mm	M38X3(P=1)	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW19L6	35 mm	F1	640×512 17μm	Fixed	13.5 mm	M33X0.75	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW19L7	35 mm	F1	640×512 17μm	Adjustable focus	7.5 mm	M33X0.75	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW23L1	36-180 mm	F1.2	640x512 17um	Motorized	7.25 mm	M45×1	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch

LS-SLWIRK1	37.5 mm	F1	384×288 12μm	Manual focus (side adjustment)	8.02 mm	Flange	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-LIR0043-OG	40 mm	F1	640×512 17μm	Fixed	10.7 mm	M34x1	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR53	40 mm	F1	640×512 17μm	Fixed	8.7 mm	M27×0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIRG6	42 mm	F1	384×288 12μm	Manual focus	4.52 mm	Flange	dia. 5.8 mm, from the 384 x 288 detector at 12 micron pitch
LS-SLWIR69	43 mm	F1	640×512 12μm	Fixed	9.285 mm	MJ38×3(P=3)-6g	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-LIR0011-1G	45 mm	F1.2	320×240 17μm	Fixed	14.6 mm	M32×1.5	dia. 6.8 mm, from the 320 x 240 detector at 17 micron pitch
LS-SLWIRD7	45 mm	F1.2	640×512 12μm	Fixed	8 mm	M23×0.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-STRFA66L2L1	45 mm	F1.2	320×240 17μm	Fixed	14.6 mm	M32×1.5	dia. 6.8 mm, from the 320 x 240 detector at 17 micron pitch
LS-LIR0028-OG	50 mm (medium-wave / MWIR)	F1.5	320×256 30μm	Motorized focus	27.4 mm	M35×0.75	dia. 12.3 mm, from the 320 x 256 detector at 30 micron pitch

LS-LIR0049-OG	50 mm	F1	640x512 17μm	Fixed	7 mm	M39X3(P=1)	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR16	50 mm	F1	640x512 17μm	Fixed	9.5 mm	M34x0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR20	50 mm	F1.2	640x512 17μm	Manual focus	7.02 mm	Flange	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR65	50 mm	F1	640x512 17μm	Manual focus	4.795 mm	Flange	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR85	50 mm	F1.1	640x512 12μm	Fixed	9 mm	M44x1.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIR86	50 mm	F1.1	640x512 12μm	Fixed	9 mm	M44x1.5	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRB1	50 mm	F1	400x300 17μm	Fixed	9.5 mm	M34x0.5	dia. 8.5 mm, from the 400 x 300 detector at 17 micron pitch
LS-SLWIRB3	50 mm	F1.1	384x288 17μm	Fixed	0.36 mm	Flange	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-SLWIRC8	50 mm	F1	640x512 12μm	Manual focus	3.89 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch

LS-SLWIRD3	50 mm	F1	640×512 12μm	Manual focus	3.89 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRG4	50 mm	F1.1	640×512 12μm	Manual focus	7.02 mm	Flange	dia. 9.8 mm, from the 640 x 512 detector at 12 micron pitch
LS-SLWIRG9	50 mm	F0.9	640×512 17μm	Manual focus	11.2 mm	M57×0.75	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIRJ4	50 mm	F1.2	640×512 17μm	Manual focus	8 mm	M33×0.75	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRFA66K6L1	50 mm	F1.0	384×288 17μm	Adjustable focus	7.34 mm	M45×1.0	dia. 8.2 mm, from the 384 x 288 detector at 17 micron pitch
LS-STRFA66N6L1	50 mm	F0.9	640×512 18μm	Fixed	3.75 mm	M29×0.6	dia. 14.8 mm, from the 640 x 512 detector at 18 micron pitch
LS-STRLW20L2	50 mm	F1.2	640×512 17μm	Manual focus	7.02 mm	-	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW51L1	50 mm	F1.35	1024×768 14μm	Manual focus	7 mm	M45×1	dia. 17.9 mm, from the 1024 x 768 detector at 14 micron pitch
LS-SLWIR76	55 mm	F1	1920×1080 8μm	Fixed	9 mm	M45×1	dia. 17.6 mm, from the 1920 x 1080 detector at 8 micron pitch

LS-STRLW35L1	55 mm	F1.2	640x480 17um	Fixed	16.5 mm	M37x0.0.5	dia. 13.6 mm, from the 640 x 480 detector at 17 micron pitch
LS-STRLW35L2	55 mm	F1.2	640x480 17um	Motorized	15.5 mm	Flange	dia. 13.6 mm, from the 640 x 480 detector at 17 micron pitch
LS-LIR0067-OH	60-180 mm (medium-wave / MWIR)	F3.5	640x512 17um	Focus: motorized / Zoom: motorized	20 mm	M45x1	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR73	70 mm	F1.2	1024x768 14um	Motorized focus	5 mm	Flange	dia. 17.9 mm, from the 1024 x 768 detector at 14 micron pitch
LS-STRLW24L1	70 mm	F8	960X720 6um	Fixed	8 mm	M12X0.5	-
LS-STRLW24L1	75 mm	F1	640x512 17um	Motorized	7.55 mm	M45x0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW25L1	75 mm	F1	640x512 17um	Fixed	8 mm	M34x0.5	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW39L1	75 mm	F1.2	640x512 17um	Manual focus	7 mm	Flange	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-LIR0038-OG	100 mm	F1.2	640x512 17um	-	-	-	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-STRLW29L1	100 mm	F1	640x512 17um	Motorized	7.25 mm	M45x1	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch

LS-SLWIRB9	120 mm	F1.2	640×512 17μm	Motorized focus	9 mm	M45×1	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch
LS-SLWIR84	180 mm	F1.2	640×512 17μm	Motorized focus	6.5~11.5 mm	M45×1	dia. 13.9 mm, from the 640 x 512 detector at 17 micron pitch

More values per model (Angle of view (deg), Distortion, Relative illumination, Focus range, Dimensions, Operating temperature, Weight, Sealing, Front lens coating, Wavelength, Field of view, Focus...) are on each product page.