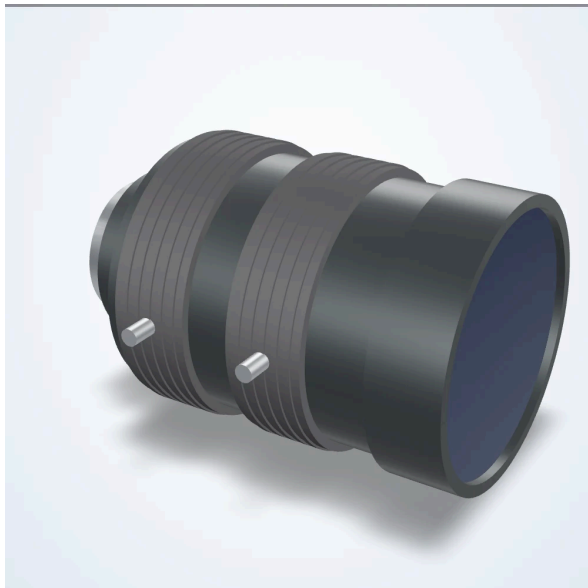


Lens series, 1.1", C-mount (S18)

LS-FFL-S18 series · Machine vision lenses · 7 models

Rendered illustration: the actual product may differ in appearance.



Common specifications

Max. sensor format	1.1"
Mount	C-mount
Flange back	17.526mm in air
Focus control	Manual
Image circle	17.6 mm
Image size dimensions	14.1 mm x 10.6 mm
Iris control	Manual
Lens type	Fixed Focal Length
Operating temperature range	10 to +50 °C
Resolution (line pairs / mm @ center)	200
Spectrum	Visible
Storage temperature range	-20~+60 C
Temperature range	-10~+50 C
Thumb screw	M2

Models

Model	Focal length	Aperture (F)	Angle of view	Distortion	Angle of view @ 1.1"	Angle of view @ 1"	Angle of view @ 2/3"
LS-FFL-0128	12 mm	1.8-16	60.0 x 46.9 deg (H x V), 71.0 deg diagonal	0.26% (TV, 1.1")	60.0° x 46.9°	55.3° x 42.9°	39.6° x 30.1°
LS-FFL-0142	16 mm	1.8-16	48.0 x 36.7 deg (H x V), 58.3 deg diagonal	-0.4% (TV, 1.1")	48.0° x 36.7°	43.6° x 33.4°	30.8° x 23.3°
LS-FFL-0158	25 mm	1.8-16	31.5 x 23.9 deg (H x V), 38.8 deg diagonal	-0.3% (TV, 1.1")	31.5° x 23.9°	28.7° x 21.7°	20.0° x 15.0°
LS-FFL-0176	35 mm	1.8-16	H 22.1 x V 16.7 deg (D 27.5 deg)	0.01% (TV)	22.1° x 16.7°	20.2° x 15.2°	14.0° x 10.5°
LS-FFL-0198	50 mm	1.8-16	H 16.1 x V 12.1 deg (D 20.0 deg)	-0.03% (TV)	16.1° x 12.1°	14.6° x 11.0°	10.1° x 7.6°
LS-FFL-0214	6.5 mm	2.5-16	H 95.7 x V 78.7 deg (D 109.1 deg)	-1.51% (TV)	95.7° x 78.7°	89.9° x 73.0°	68.1° x 53.5°
LS-FFL-0222	8.5 mm	2.5-16	H 79.2 x V 63.8 deg (D 91.2 deg)	0.55% (TV)	79.2° x 63.8°	73.9° x 58.8°	54.5° x 42.1°

More values per model (Back focus, Dimensions (dia. x length, mm), Entrance pupil position, Exit pupil, Field of view at mod (1.1"), Filter thread, Focus range, Front diameter, Front / rear effective dia., Length at mod, Magnification with 1mm ring, Minimum object distance (m)...) are on each product page.

Product views

