

SWIR Lens Series

LS-SWIR-LENS series · Machine vision lenses · 9 models

6, 1",
900–1700nm, C-
mount, SWIR
lens. Maximum
sensor format 1"
Large-aperture
design for high
light throughput



Features

- Maximum sensor format 1"
- Large-aperture design for high light throughput
- Coating covers 900 nm–1700 nm with high infrared transmittance

Common specifications

Focus control	Manual
Temperature	–10 ~ 50°C
Certification	RoHS2.0

Models

Model	Focal length	F-number	Image size	Distortion	Iris control	Filter thread	Connector type
LS-KF1216-5MP-NIR	12mm	F1.6	Φ16 mm(1")	2.4%	Fixed	M52×0.75	C-Mount
LS-KF1614M-5MP-NIR-V2	16mm	F1.4	1"	–0.6%	Manual	M52×0.75	C-Mount
LS-KF2514M-5MP-NIR-V2	25mm	F1.4	1"	–0.96%	Manual	M34 × 0.5	C-Mount
LS-KF3514M-5MP-NIR	35mm	F1.4	1"	–0.52%	Manual	M34×0.5	C-Mount
LS-AF2519M-M42-NIR	25mm	F1.9	Φ28mm	–1.6%	Manual	M49×0.75	M42-Mount
LS-KF5014M-3MP-NIR	50mm	F1.4	1"	0.6%	Manual	M40.5×0.5	C-Mount
LS-AF4016M-M42-NIR	40mm	F1.6	Φ28mm	–0.8%	Manual	M58×0.75	M42-Mount
LS-AF5014M-M42-NIR	50mm	F1.4	Φ28mm	–1.5%	Manual	M52×0.75	M42-Mount
LS-KF10020M-5MP-NIR	100mm	F2.0	1"	0.3%	Manual	M58×0.75	C-Mount

More values per model (Minimum object distance, Field of view, Flange back length, Dimension, Weight, Working distance) are on each product page.

Performance

