

KF-P series lenses

LS-KF-P series · Machine vision lenses · 8 models

4, 1.2", 25MP Lens, C-Mount. Ultra high resolution and consistency of image clarity 1.2" image circle, bigger aperture, lower distortion, higher illumination relative

Features

- Ultra high resolution and consistency of image clarity
- 1.2" image circle, bigger aperture, lower distortion, higher illumination relative
- Achromatic optical system design, better imaging performance with color camera
- Maintain excellent optical properties at different object distances
- Excellent vibration resistance and stability at high and low temperature performance, optical axis shifting within pixel level
- Multilayer and broadband coating design, compatible with visible and near infrared applications



Common specifications

Focus control	Manual
Flange back length	17.526 mm

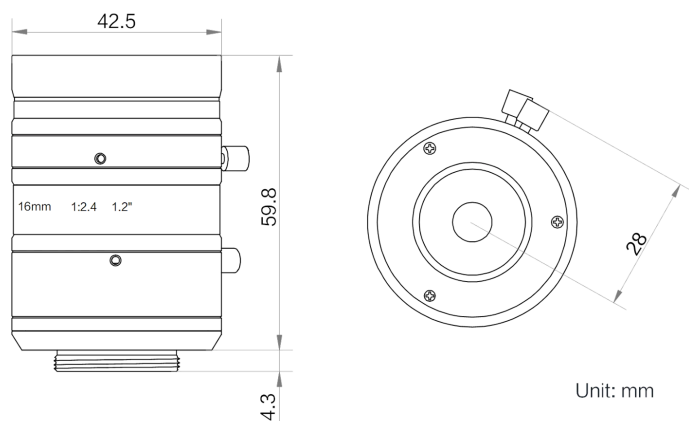
Models

Model	Focal length	F-number	Image size	Distortion	Minimum object distance	Field of view	Iris control
LS-KF1624M-25MP	16 mm	F2.4 to F16	Ø19.3 mm (1.2")	0.07%	0.1 m	D (19.30mm): 61.61°; H (14.60mm): 48.82°; V (12.63mm): 42.89°	Manual
LS-KF2524M-25MP	25 mm	F2.4 to F16	Ø19.3 mm (1.2")	-0.04%	0.15 m	D (19.30 mm): 40.80°; H (14.60 mm): 31.42°; V (12.63 mm): 27.34°	Manual
LS-KF3524M-25MP	35 mm	F2.4 to F16	Ø19.3 mm (1.2")	0.02%	0.15 m	D (19.30 mm): 29.48°; H (14.60 mm): 22.51°; V (12.63 mm): 19.54°	Manual
LS-KF5024M-25MP	50 mm	F2.4 to F16	Ø19.3 mm (1.2")	0.01%	0.25 m	D (19.30mm): 20.60°; H (14.60mm): 15.66°; V (12.63mm): 13.57°	Manual
LS-XAC-16250F	16 mm	F4.0	Φ19.3 mm(1.2")	0.04%	0.08 m	D (19.3 mm): 61.7°; H (14.6 mm): 48.77°; V (12.63 mm): 42.83°	Fixed
LS-XAC-1225F	12 mm	F2.4 ~ F16	Φ19.3 mm(1.2")	0.39%	0.1 m	D(19.30mm):76.37°; H(14.60mm):62.32°; V(12.63mm):55.34°	Manual
LS-KF0818M-20MP	8 mm	F1.8 ~ F16	Φ17.6 mm(1.1")	-2.26%	0.1 m	D(17.52mm):95.23°; H(14.14mm):82.88°; V(10.35mm):65.22°	Manual
LS-KF1224M-25MP	12 mm	F2.4 to F16	Ø19.3 mm (1.2")	0.39%	0.1 m	D (19.30mm): 76.37°; H (14.60mm): 62.32°; V (12.63mm): 55.34°	Manual

More values per model (Filter thread, Mount, Dimension, Weight, Temperature, Certification, Minimum operation

distance, Connector type) are on each product page.

Performance



Product views

