

KF-E series lenses

LS-KF-E series · Machine vision lenses · 7 models

8, 1.1", 12MP
Lens, C-Mount.
Ultra high
resolution and
consistency of
image clarity
Lower
distortion

Features

- Ultra high resolution and consistency of image clarity
- Lower distortion
- Super high image peripheral brightness ratio
- Excellent optical properties are maintained at different object distances



Common specifications

Image size	Ø17.6 mm (1.1")
Iris control	Manual
Focus control	Manual
Mount	C-mount
Flange back length	17.526 mm
Certification	RoHS 2.0

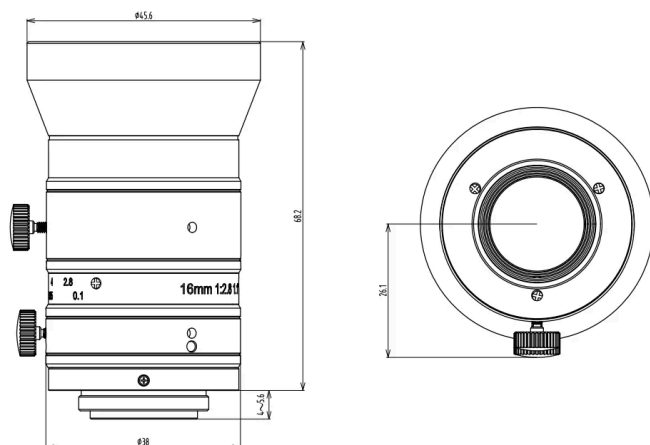
Models

Model	Focal length	F-number	Distortion	Minimum object distance	Field of view	Dimension	Weight
LS-KF1628M-12MPE	16 mm	F2.8 to F16	0.15%	0.1 m	D (17.52 mm): 55.6°; H (14.14 mm): 45.8°; V (10.35 mm): 35.3°	Ø45.6 mm × 68.2 mm (Ø1.8" × 2.7")	189 g (0.4 lb.)
LS-KF0814M-12MPE	8 mm	F1.4 to F16	5.5%	0.1 m	D (17.52 mm): 98.4°; H (14.14 mm): 84.8°; V (10.35 mm): 68°	Ø60 mm × 77.8 mm (Ø2.4" × 3.1")	371 g (0.8 lb.)
LS-KF1228M-12MPE	12 mm	F2.8 to F22	1.5%	0.1 m	D (17.52 mm): 66.7°; H (14.14 mm): 57°; V (10.35 mm): 45°	Ø48 mm × 71.32 mm (Ø1.9" × 2.8")	245 g (0.5 lb.)

LS-KF2528M-12MPE	25 mm	F2.8 to F22	0.1%	0.1 m	D (17.52 mm): 37.6°; H (14.14 mm): 30.4°; V (10.35 mm): 23°	Ø37 mm × 82 mm (Ø1.5" x 3.2")	180 g (0.4 lb.)
LS-KF3528M-12MPE	35 mm	F2.8 to F22	0.02%	0.2 m	D (17.52 mm): 28.3°; H (14.14 mm): 22.6°; V (10.35 mm): 17°	Ø38 mm × 47.6 mm (Ø1.5" x 1.9")	107 g (0.2 lb.)
LS-KF5028M-12MPE	50 mm	F2.8 to F22	0.04%	0.3 m	D (17.52 mm): 19.9°; H (14.14 mm): 15.9°; V (10.35 mm): 11.9°	Ø38 mm × 53.9 mm (Ø1.5" x 2.1")	121 g (0.3 lb.)
LS-KF0618M-12MPE	6 mm	F1.8 to F16	2.5%	0.1 m	D (17.52 mm): 118.2°; H (14.14 mm): 104.9°; V (10.35 mm): 86.2°	Ø66 mm × 77.8 mm (Ø2.6" x 3.1")	353 g (0.8 lb.)

More values per model (Filter thread, Temperature) are on each product page.

Performance



Product views

