

KF series lenses

LS-KF series · Machine vision lenses · 9 models

8, 1", 12MP Lens, C-Mount. Provides high resolution and consistency of image clarity. Provides low distortion and high peripheral brightness ratio.

Features

- Provides high resolution and consistency of image clarity.
- Provides low distortion and high peripheral brightness ratio.
- Provides maximum image size $\Phi 16$ mm.
- Supports ultra-short working distance, and maintains excellent optical characteristics at different object distances.



Common specifications

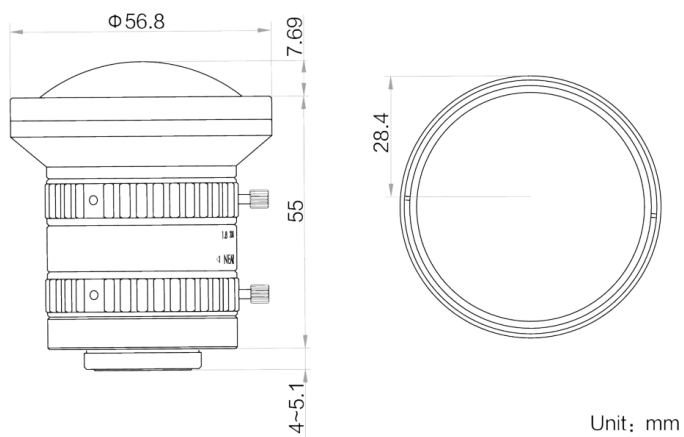
Focus control	Manual
Flange back length	17.526 mm

Models

Model	Focal length	F-number	Image size	Minimum object distance	Iris control	Dimension	Weight
LS-KF0818M-12MP	8 mm	F1.8 to F11	$\Phi 16$ mm (1")	0.3 m	Manual	$\Phi 56.8$ mm $\times$ 55 mm ($\Phi 2.2$ " $\times$ 2.2")	236 g (0.5 lb.)
LS-KF1228M-12MP	12 mm	F2.8 to F16	$\Phi 17.6$ mm	0.1 m	Manual	$\Phi 47$ mm $\times$ 56.99 mm ($\Phi 1.9$ " $\times$ 2.2")	186 g (0.4 lb.)
LS-KF1628M-12MP	16 mm	F2.8 to F16	$\Phi 17.6$ mm	0.1 m	Manual	$\Phi 38.6$ mm $\times$ 48.56 mm ($\Phi 1.5$ " $\times$ 1.9")	146 g (0.3 lb.)
LS-KF3528M-12MP	35 mm	F2.8 to F16	$\Phi 17.6$ mm	0.2 m	Manual	$\Phi 38.6$ mm $\times$ 53.61 mm ($\Phi 1.5$ " $\times$ 2.1")	119 g (0.3 lb.)
LS-KF7528M-12MP	75 mm	F2.8 to F22	$\Phi 16$ mm (1")	0.5 m	Manual	$\Phi 42$ mm $\times$ 60.3 mm ($\Phi 1.7$ " $\times$ 2.4")	187 g (0.4 lb.)
LS-KF2528M-12MP	25 mm	F2.8-F16	$\Phi 17.6$ mm (1.1")	0.15 m	Manual	$\Phi 38.6 \times 49.32$ mm	133 g
LS-KF5028M-12MP	50 mm	F2.8-F16	$\Phi 17.6$ mm (1.1")	0.3 m	Manual	$\Phi 38.6 \times 56.8$ mm	134 g
LS-XAC-25250F	25 mm	F4.0	$\Phi 19.3$ mm (1.2, ,)	0.08 m	Fixed	$\Phi 38 \times 56.33 \sim 67.73$ mm	151 g
LS-XAC-7512F	75 mm	F2.8 ~ F22	$\Phi 16$ mm (1")	0.5 m	Manual	$\Phi 42 \times 60.3$ mm	187 g

More values per model (Optical distortion, Field of view, Mount, Temperature, Certification, Distortion, Filter thread, Field of View, Connector type) are on each product page.

Performance



Product views

