

LF-M72 series lenses

LS-LF-M72 series · Machine vision lenses · 6 models

0, Image Size $\phi 58\text{mm}$, Recommended Magnification 0.031–0.145x, M72 Mount. Adopts high-precision lens for 8k 7 μm line scan cameras. Provides excellent consistency of image clarify with high resolution.

Features

- Adopts high-precision lens for 8k 7 μm line scan cameras.
- Provides excellent consistency of image clarify with high resolution.
- Provides ultra-high image resolution at the maximum iris of F4.0.
- Provides maximum image size $\phi 58\text{ mm}$.



Common specifications

Iris control	Manual
Focus control	Manual
Flange back length	12 mm

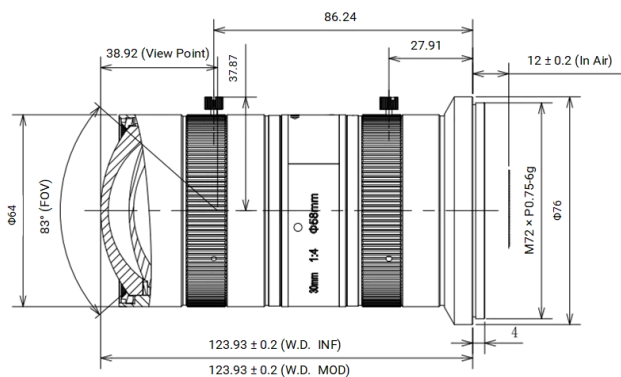
Models

Model	Focal length	F-number	Image size	Optical distortion	Magnification range	Working distance range	Dimension
LS-LF3040M-005-M72	30 mm	F4.0 to F16	$\phi 58\text{ mm}$	–0.84%	0.145 x to 0.031 x	205 mm to 1000 mm (tolerance: $\pm 5\text{ mm}$)	$\phi 76\text{ mm} \times 123.93\text{ mm}$ ($\phi 3.0'' \times 4.9''$)
LS-LF4040M-01-M72	40 mm	F4.0 to F22	$\phi 58\text{ mm}$	–0.42%	0.21 x to 0.001 x	200 mm to inf mm (tolerance: $\pm 5\text{ mm}$)	$\phi 76\text{ mm} \times 97.9\text{ mm}$ ($\phi 3.0'' \times 3.9''$)
LS-LF6040M-0168V-M72	60 mm	F4.0 to F22	$\phi 60\text{ mm}$	0.14%	0.067 x to 0.2 x	945 mm to 345 mm (tolerance: $\pm 5\text{ mm}$)	$\phi 75\text{ mm} \times 72.8\text{ mm}$ to 80.8 mm ($\phi 3'' \times 2.9''$ to $3.2''$)
LS-LF6040M-013-M72	60 mm	F4.0 ~ F22	$\phi 58\text{ mm}$	–0.45%	0.37x ~ 0.13x ~ 0.07x ~ 0.001x	200 ~ 500 ~ 900 ~ $\infty \pm 5\text{ mm}$	$\phi 76 \times 84.07 \sim 107.02\text{ mm}$
LS-LF6040M-0167V-M72	60 mm	F4.0 ~ F32	$\phi 64\text{ mm}$	0.19%	0.33x ~ 0.167x ~ 0.117x	219 ~ 404 ~ 563 $\pm 5\text{ mm}$	$\phi 74.8 \times 97.9\text{ mm}$
LS-LF8040M-021V-M72	80 mm	F4.0 to F22	$\phi 60\text{ mm}$	–0.11%	0.12x to 0.21x to 0.31x	750 mm to 450 mm to 325 mm $\pm 9\text{ mm}$	$\phi 45\text{ mm} \times 108.28\text{ mm}$ to 116.28 mm ($\phi 1.77'' \times 4.26''$ to $4.58''$)

More values per model (Conjugate distance range, Mount, Weight, Temperature, Certification, Filter thread,

Connector type) are on each product page.

Performance



Product views

