

AF series lenses

LS-AF series · Machine vision lenses · 10 models

8, Image Size $\phi 30$ mm, Recommended Magnification 0.012~0.105X, M42-Mount. Adopts high-resolution lens for 4k 7 μ m line scan cameras. Provides ultra-high image resolution at the max. aperture of F2.8.

Features

- Adopts high-resolution lens for 4k 7 μ m line scan cameras.
- Provides ultra-high image resolution at the max. aperture of F2.8.
- Provides max. image size $\Phi 30$ 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	Filter thread
LS-AF1828M-M42B	18 mm	F2.8 to F22	$\Phi 30$ mm	-1.1%	0.012 x to 0.105 x	150 mm to 1500 mm	M72 x P0.75
LS-AF2045M-M42	20 mm	F4.5 to C	$\Phi 30$ mm	0.20%	0.02 x to 0.134 x	150 mm to 999 mm	M43 x 0.75
LS-AF2524M-M42	25 mm	F2.4 to F16	$\Phi 29$ mm	-0.34%	0.143 x to 0.001 x	150 mm to inf mm	M58 x P0.75
LS-AF2840M-M42	28 mm	F4.0 to F11	$\Phi 30$ mm	0.1%	0.3x to 0.05x	103 mm to 595 mm	M35 x 0.5
LS-AF3528M-M42	35 mm	F2.8 to F16	$\Phi 42$ mm	0.40%	0.2 x to 0.001 x	163 mm to inf mm	M58 x 0.75
LS-AF3528M-M42A	35 mm	F2.8 to F16	$\Phi 29$ mm	-0.16%	0.164 x to 0.001 x	200 mm to inf mm (tolerance: ± 5 mm)	M52 x P0.75
LS-AF4028M-M42	40 mm	F2.8 to F22	$\Phi 37$ mm	0.62%	0.22 x to 0.04 x	200 mm to 1051 mm	M37 x 0.75
LS-AF5028M-M42A	50 mm	F2.8 to F16	$\Phi 29$ mm	0.05%	0.267 x to 0.001 x	200 mm to inf mm (tolerance: ± 5 mm)	M46 x P0.75
LS-AF5040M-M42	50 mm	F4 to F22	$\Phi 37$ mm	0.21%	0.323 x to 0.01 x	150 mm to inf mm	M52 x 0.75
LS-AF1428M-M42B	14 mm	F2.8 ~ F22	$\Phi 30$ mm	-2.20%	0.0027x ~ 0.0136x ~ 0.043x	5000 ~ 1000 ~ 300 mm	M86 x P1

Performance

