

MVL-LF6040M-013-M72

Large Format Ø58mm 60mm Focal Length FA Lens

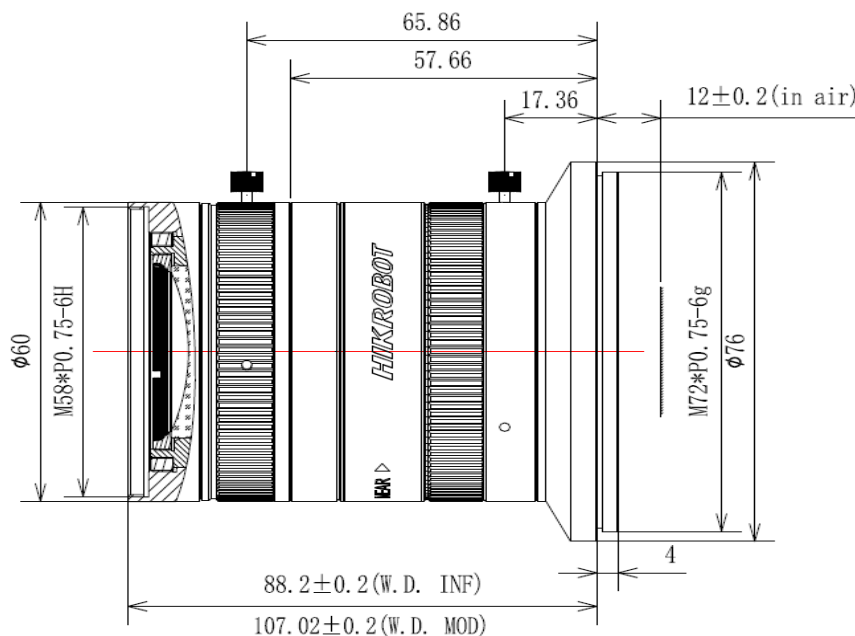
Designed for the machine vision industry, the high-resolution large-target fixed focus lens has excellent imaging quality and high picture consistency, which can meet the needs of high resolution machine vision industry applications.



Key Features

- Adopts high-precision lens for 8k 7 μ m line scan cameras.
- Provides excellent picture sharpness consistency, low distortion.
- Provides superior resolution at maximum aperture of F4.
- Provides maximum image size Ø58 mm.

Dimension



Unit: mm

Specification

Model	MVL-LF6040M-013-M72
Performance	
Focal length	60 mm
F-number	F4.0 to F22
Image size	Ø58 mm
Optical distortion	-0.45%
Magnification range	0.07x to 0.37x
Working distance range	200 mm to 900 mm (tolerance: ±5 mm)
Conjugate distance range	307 mm to 990 mm (tolerance: ±9 mm)
Mechanical	
Iris control	Manual
Focus control	Manual
Filter thread	M58 × P0.75
Mount	M72 × P0.75
Flange back length	12 mm
Dimension	Ø76 mm × 88.2 mm to 107.02 mm (Ø3.0" × 3.5" to 4.2")
Weight	484 g (1.1 lb.)
Temperature	-10 °C to 50 °C (14 °F to 122 °F)
General	
Certification	RoHS 2.0

Field of View

Working Distance (mm)	Magnification	Object Image Distance (mm)	Field of View H (8k 7 μm)
200	-0.368	308	157.1
250	-0.282	353	205.2
300	-0.228	400	253.2
350	-0.192	447	301.2
400	-0.165	496	349.3
450	-0.145	545	397.3
500	-0.130	594	445.3
550	-0.117	643	493.3
600	-0.107	692	541.3
650	-0.098	742	589.3
700	-0.091	791	637.3
750	-0.084	841	685.3
800	-0.079	891	733.3
850	-0.074	940	781.3
900	-0.070	990	829.3

HIKROBOT

Hangzhou Hikrobot Co., Ltd.
en.hikrobotics.com