

MVL-AF5028M-M42
APS-C 50mm Focal Length FA LENS

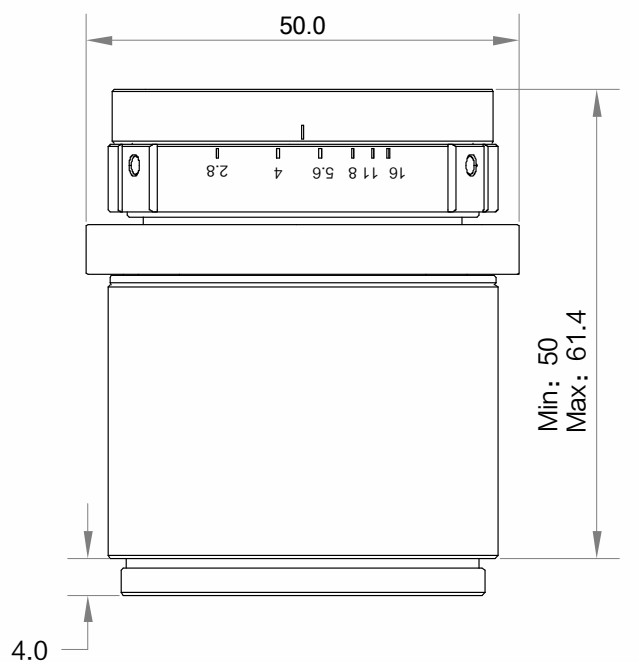
The APS-C fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.07x to 0.13x. It is suitable for defect detection applications in PCB, packaging and printing industry.



Key Features

- Ultra-high resolution and consistency of image clarity
- Large aperture, low distortion and high relative illumination
- Maximum image circle $\phi 30\text{mm}$, applicable to APS-C area scan and 4K $7\mu\text{m}$ line scan cameras

Dimension



Unit: mm



Specification

Parameter	Model	MVL-AF5028M-M42
	Fixed focal length, Manual iris, APS-C lens	
Performance		
Focal Length	50 mm	
F-Number	F2.8 ~ F16	
Image Size	Φ30 mm	
Optical Distortion	0.32%	
Magnification Range	0.13x ~ 0.07x	
Working Distance Range	250 ~ 1400 mm	
Mechanical		
Iris Control	Manual	
Focus Control	Manual	
Filter Thread	M37×0.75	
Mount	M42×P1	
Flange Back Length	12 mm	
Dimension	Φ50 × 61.4 mm	
Weight	151.5 g	
Temperature	-10 ~ 50°C	
General		
Certification	RoHS2.0	

HIKROBOT

Hangzhou Hikrobot Technology Co., Ltd.

No.399 Danfeng Road, Binjiang District, Hangzhou 310051, China.

en.hikrobotics.com

Copyright Hikrobot

Hangzhou Hikrobot Technology Co., Ltd. All Rights Reserved. Hangzhou Hikrobot Technology does not tolerate any infringement. Any organization or individual may not imitate or reproduce in whole or in part of the content. The data herein is based on Hikrobot's internal evaluation. Actual data may vary depending on specific configuration and operating condition. The information herein is subject to change without notice. All the content has been checked conscientiously. Nevertheless, Hikrobot shall not be liable to damages resulting from errors, inconsistencies or omissions.