

MVL-AF5528-M42

APS-C 55mm Focal Length FA LENS

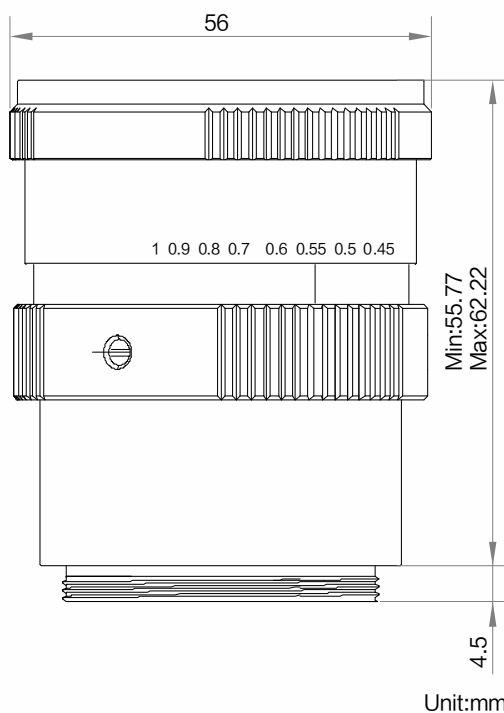
The APS-C fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.04x to 0.137x. It is suitable for defect detection applications in PCB, packaging and printing industry.



Key Features

- Ultra-high resolution and consistency of image clarity
- Large aperture and low distortion
- Maximum image circle $\phi 28\text{mm}$, applicable to APS-C area scan and 4K 7 μm line scan cameras

Dimension



Specification

Parameter	Model	MVL-AF5528-M42
	Fixed focal length, Fixed iris, APS-C lens	
Performance		
Focal Length	55 mm	
F-Number	F2.8	
Image Size	Φ28 mm	
Optical Distortion	-0.54%	
Magnification Range	0.137x ~ 0.04x	
Working Distance Range	450 ~ 1400 mm	
Mechanical		
Iris Control	Fixed	
Focus Control	Manual	
Filter Thread	M52×0.75	
Mount	M42×P1	
Flange Back Length	12 mm	
Dimension	Φ56 × 62.22 mm	
Weight	278.1 g	
Temperature	-10 ~ 50℃	
General		
Certification	RoHS2.0	

HIKROBOT

Hangzhou Hikrobot Technology Co., Ltd.
No.399 Danfeng Road, Binjiang District, Hangzhou 310051, China.
en.hikrobotics.com

MaxxVision®

Sigmaringer Str. 121
70567 Stuttgart
Tel.: 0711 997 996 3
www.maxxvision.com

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