

**MVL-AF2045M-M42**  
**APS-C 20mm Focal Length FA LENS**

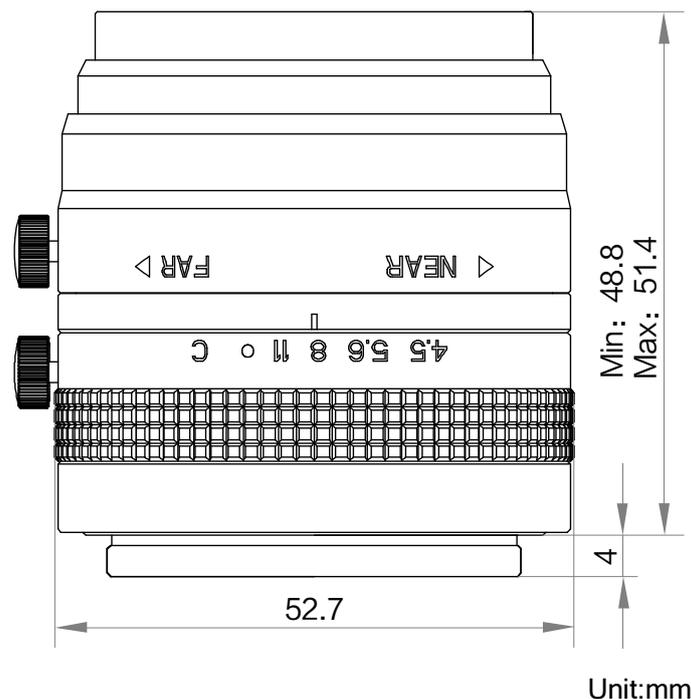
The APS-C fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.02x to 0.1x. It is suitable for defect detection applications in PCB, packaging and printing industry.



**Key Features**

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

**Dimension**



## Specification

Parameter	Model	MVL-AF2045M-M42
		Fixed focal length, Manual iris, APS-C lens
<b>Performance</b>		
Focal Length		20 mm
F-Number		F4.5 ~ C
Image Size		Φ30 mm
Optical Distortion		0.20%
Magnification Range		0.1x ~ 0.02x
Working Distance Range		150 ~ 999 mm
<b>Mechanical</b>		
Iris Control		Manual
Focus Control		Manual
Filter Thread		M43 × 0.75
Mount		M42 × P1
Flange Back Length		12 mm
Dimension		Φ52.7 × 51.4 mm
Weight		243 g
Temperature		-10 ~ 50°C
<b>General</b>		
Certification		RoHS2.0

**HIKROBOT**

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