

## MVL-AF2045M-M42

### APS-C 20mm Focal Length FA LENS

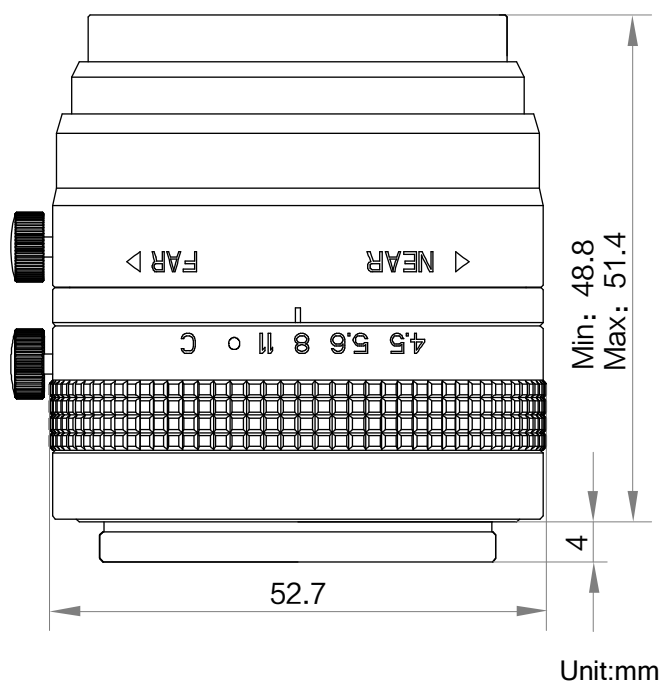
The APS-C fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.02x to 0.1x. It is suitable for defect detection applications in PCB, 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	
Distortion	0.2%	
Minimum Operation Distance	0.15 m	
Magnification Range	0.02x ~ 0.1x	
Field of View	4K 7μm (28.7 mm): 71°	
<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	