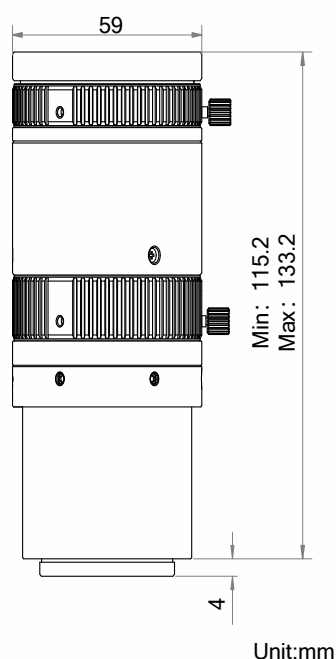


MVL-AF5040M-M42**Large Format $\Phi 37\text{mm}$ 50mm Focal Length FA LENS**

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 0.01x to 0.33x. It is suitable for defect detection applications in PCB, packaging and printing industry.

**Key Features**

- Ultra-high resolution, supporting $3.1\mu\text{m}$ resolution
- Excellent consistency of image clarity, with large aperture, low distortion, low chromatic aberration and high relative illumination
- Maximum image circle $\Phi 37\text{mm}$, applicable to APS-C area scan and 4K $7\mu\text{m}$ line scan cameras

Dimension

Specification

Parameter	Model	MVL-AF5040M-M42
		Fixed focal length, Manual iris, Large format lens
Performance		
Focal Length		50 mm
F-Number		F4 ~ F22
Image Size		Φ37 mm
Optical Distortion		0.21%
Magnification Range		0.33x ~ 0.01x
Working Distance Range		150 ~ inf mm
Mechanical		
Iris Control		Manual
Focus Control		Manual
Filter Thread		M52×0.75
Mount		M42×P1
Flange Back Length		12 mm
Dimension		Φ59 × 133.2 mm
Weight		615 g
Temperature		-10 ~ 50℃
General		
Certification		RoHS2.0

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