

**MVL-AF3528M-M42**

**Large Format  $\Phi$ 42mm 35mm Focal Length FA LENS**

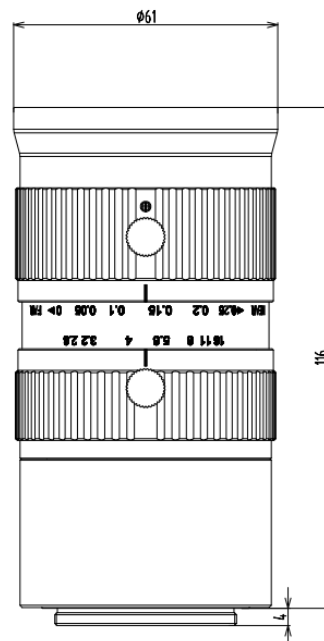
The large format fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.001x to 0.2x. It is suitable for defect detection applications in PCB, packaging and printing industry.



**Key Features**

- Ultra-high resolution and consistency of image clarity
- Large aperture, low distortion, low chromatic aberration and high relative illumination
- Maximum image circle  $\phi$ 42mm, applicable to large format area scan and 4K 7 $\mu$ m line scan cameras

**Dimension**



Unit: mm



## Specification

Parameter	Model	MVL-AF3528M-M42
	Fixed focal length, Manual iris, Large format lens	
<b>Performance</b>		
Focal Length	35 mm	
F-Number	F2.8 ~ F16	
Image Size	Φ42 mm	
Optical Distortion	0.40%	
Magnification Range	0.2x ~ 0.001x	
Working Distance Range	163 ~ inf mm	
<b>Mechanical</b>		
Iris Control	Manual	
Focus Control	Manual	
Filter Thread	M58×0.75	
Mount	M42×P1	
Flange Back Length	12 mm	
Dimension	Φ61 × 116 mm	
Weight	622 g	
Temperature	-10 ~ 50°C	
<b>General</b>		
Certification	RoHS2.0	

**HIKROBOT**

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