

## MVL-AF3528M-M42

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

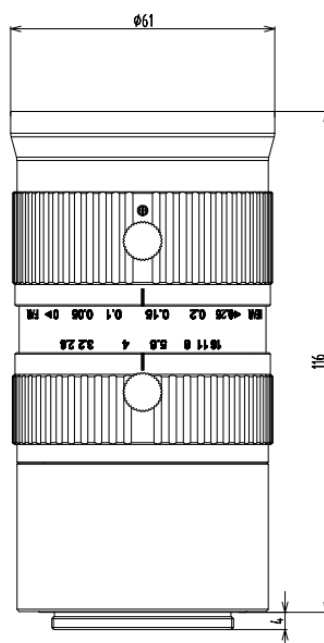
The large format fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.001x to 0.2x. It is suitable for defect detection applications 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  $\phi 42$ mm, 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℃
<b>General</b>		
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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