MVL-AF3528M-M42

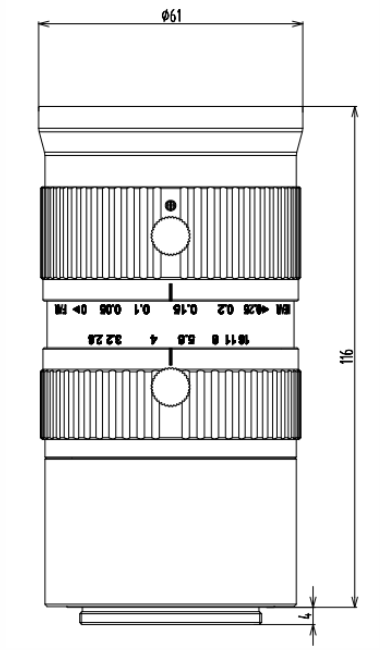
Large Format Φ42mm 35mm Focal Length FA LENS

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 ϕ42mm, applicable to large format area scan and 4K 7μm line scan cameras

Dimension



Unit：mm

Specification

Model / Parameter	MVL-AF3528M-M42
	Fixed focal length, Manual iris, Large format lens
Performance	
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
Mechanical	
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℃
General	
Certification	RoHS2.0

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