

MVL-LF3528M-M42

Large Format $\Phi 42\text{mm}$ 35mm Focal Length FA LENS

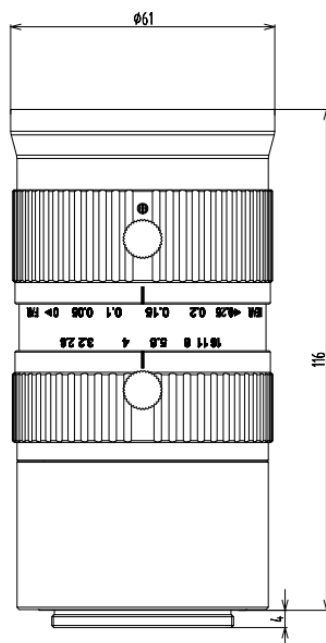
The large format fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.001x to 0.2x. It is suitable for defect detection applications 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 $\phi 42\text{mm}$, applicable to large format area scan and 4K $7\mu\text{m}$ line scan cameras

Dimension



Unit: mm

Specification

	Model	MVL-LF3528M-M42
Parameter		Fixed focal length, Manual iris, Large format lens
Performance		
Focal Length		35 mm
F-Number		F2.8 ~ F16
Image Size		Φ42 mm
Distortion		0.4%
Minimum Operation Distance		0.165 m
Magnification Range		0.001x ~ 0.2x
Field of View		4K 7μm (28.7mm) : 44°
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°C
General		
Certification		RoHS2.0