

MVL-AF3528M-M42

Large Format Φ 42mm 35mm Focal Length FA LENS

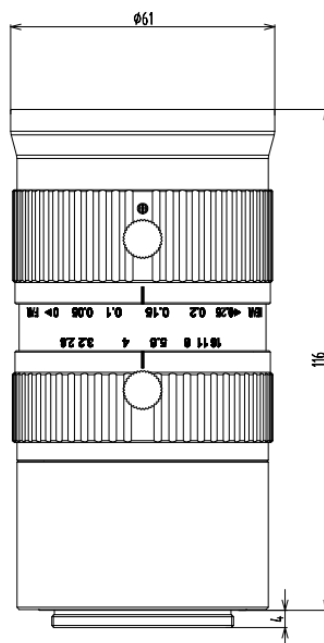
The large format fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.001x to 0.2x. It is suitable for defect detection applications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

Dimension



Unit: mm



Specification

| | | |
|------------------------|--|-----------------|
| Parameter | Model | 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°C | |
| General | | |
| Certification | RoHS2.0 | |

HIKROBOT

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