

MVL-LF11638M-0625V-M90

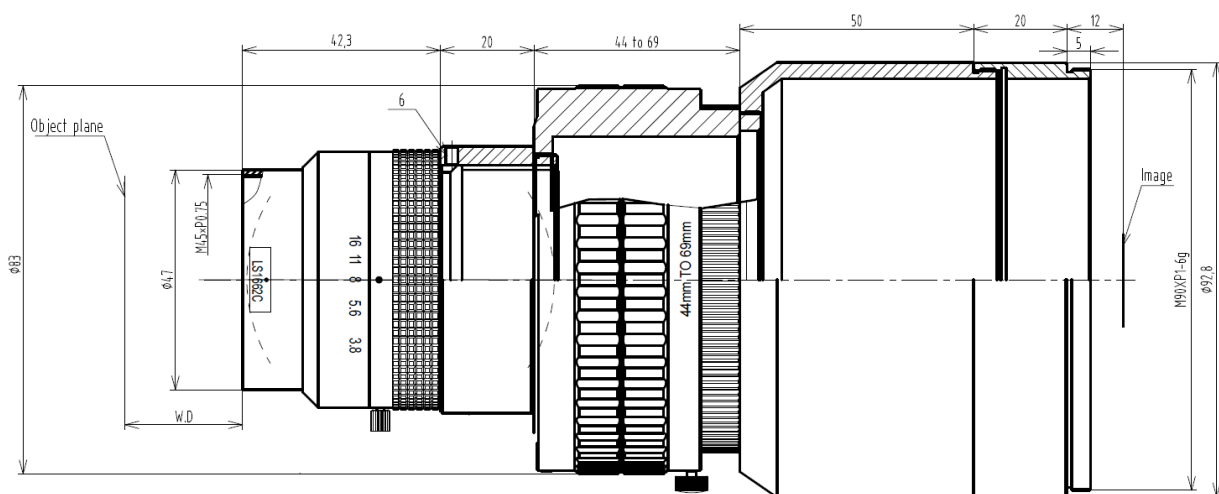
Φ82 mm 116 mm Focal Length FA Lens

Designed for the machine vision industry, the high-resolution large format fixed focus lens has excellent imaging quality and high image consistency, which can meet the needs of high resolution machine vision industry applications.

Key Features

- Adopts high-precision lens for 16k 5 μm line scan cameras.
- Provides excellent image sharpness consistency and low distortion.
- Provides superior resolution at maximum aperture of F3.8.
- Provides maximum image size $\Phi 82\text{ mm}$.

Dimension



Unit: mm

Specification

Parameter	Model	MVL-LF11638-0625V-M90		
	Φ82 mm 116 mm Focal Length FA Lens			
Performance				
Focal length	116 mm			
F-number	F3.8 to F16			
Image size	Φ82 mm			
Optical distortion	0.001%			
Magnification range	0.59x	0.625x	0.66x	
Working distance range	260.5 mm ± 5 mm	249.7 mm ± 5 mm	239.9 mm ± 5 mm	
Conjugate distance range	465.7 mm ± 9 mm	458.9 mm ± 9 mm	453 mm ± 9 mm	
Mechanical				
Iris control	Manual			
Focus control	Manual			
Mount type	M90 × P1			
Flange focal length	12 mm			
Dimension	Φ47 mm × 176.3 mm to 201.3 mm (Φ1.9" × 7.0" to 7.9")			
Working temperature	−10 °C to 50 °C (14 °F to 122°F)			