

MVL-LF12040M-033V-M90

Φ82mm 120mm Focal Length FA Lens

Introduction

LF series large format FA lenses are optimized for machine vision with excellent image quality and high image uniformity. It is suitable for high-resolution machine vision industry applications.

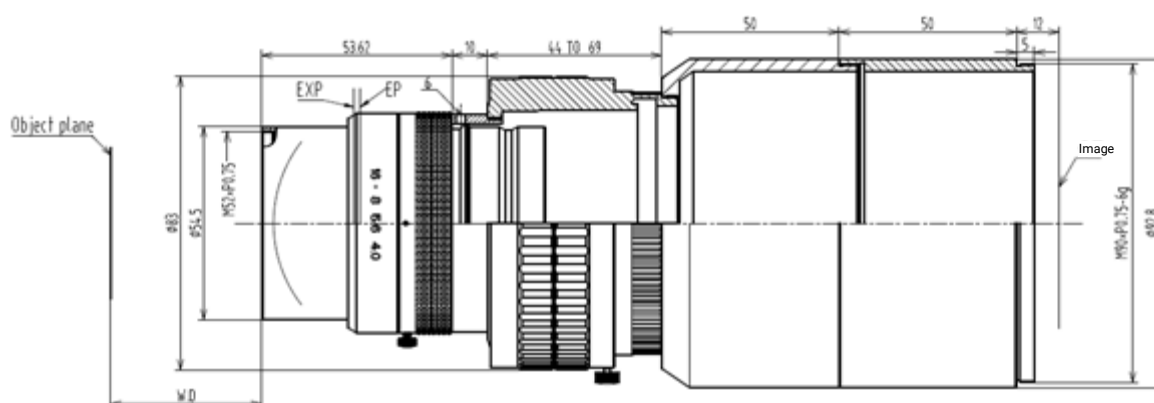
Key Feature

- Provides high-precision lens, which is applicable for 16K 3.5 μm line scan cameras.
- Provides excellent consistency of image clarify with low distortion.
- Provides ultra-high image resolution power at the max. iris of F4.0.
- Provides max. image size Φ82 mm.

Specification

Model		MVL-LF12040M-033V-M90		
Performance				
Focal length		120 mm		
F-number		F4.0 to F16		
Image size		Φ82 mm		
Distortion		0.005%		
Magnification		0.31 x	0.33 x	0.38 x
Working distance		558 mm ± 5 mm	535 mm ± 5 mm	480 mm ± 5 mm
Object-image distance		778 mm ± 9 mm	758 mm ± 9 mm	710 mm ± 9 mm
Mechanical				
Mount type		M90 × P1		
Flange back length		12 mm		
Dimension		Φ83 mm × 207.6 mm to 232.6 mm (Φ3.27" × 8.17" to 9.16")		
Control	Iris	Manual		
	Focus	Manual		

Dimension



Unit: mm