

MVL-MY-4-110-MP

4x 110mm 2/3" TELECENTRIC LENS

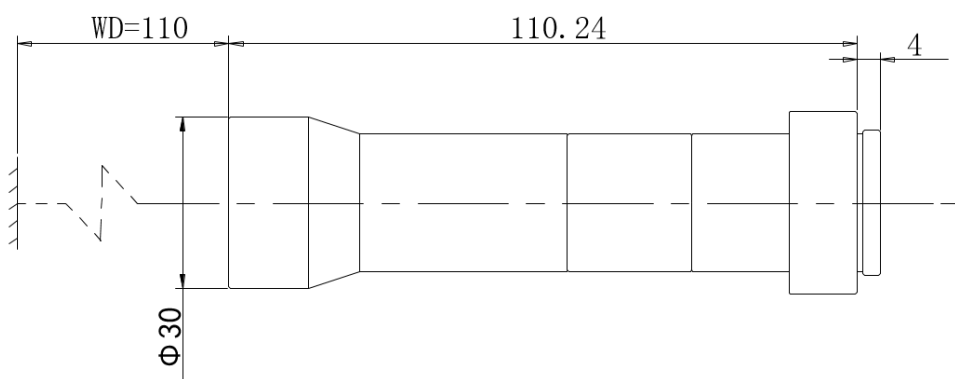
MY series Telecentric Lens are designed for machine vision application with excellent imaging quality, magnification range from 0.18x to 6.0x, working distance range from 65 mm to 510 mm, optional point light interface.



Key Features

- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 2/3"

Dimension



Unit: mm



Specification

	Model	MVL-MY-4-110-MP
Parameter		4x 110mm 2/3" TELECENTRIC LENS
Performance		
Magnification		4
Working Distance		110±2 mm
F-Number		F22
Image Size		Φ11 mm
Optical Distortion		≤ 0.1%
Depth of Field*		0.11 mm
Resolution		3.7 μm
Telecentricity		≤ 0.1°
Object Space NA		0.09091
Object Field of View		1/2": D: 2 mm, H: 1.54 mm, V: 1.23 mm 1/1.8": D: 2.25 mm, H: 1.84 mm, V: 1.23 mm 2/3": D: 2.75 mm, H: 2.11 mm, V: 1.77 mm
Mechanical		
Mount		C-Mount
Object-image Distance		237.8 ± 2 mm
Dimension		Φ30 mm × 110.2 mm
Weight		150 g
Temperature		-10 ~ 50°C
General		
Certification		RoHS2.0

*The Depth of Field is the theoretical calculated value when the diameter of the maximum confusion circle is 40 μm.

HIKROBOT

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