

**MVL-MY-05-110-MP**

**0.5x 110mm 2/3" TELECENTRIC LENS**

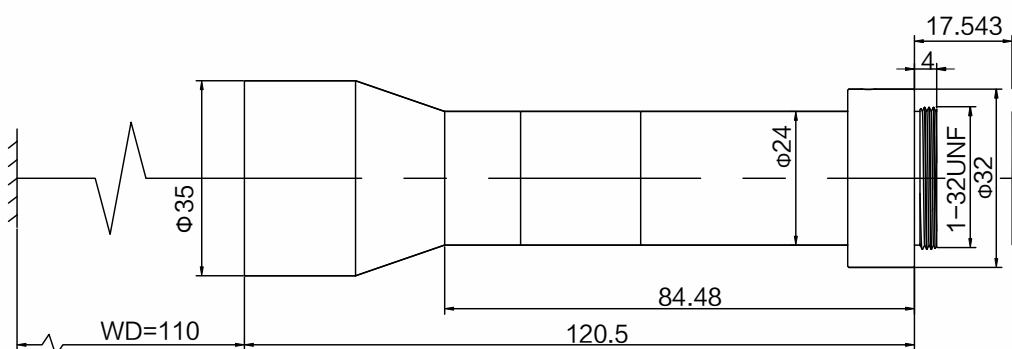
MY series Telecentric Lens are designed for machine vision application with excellent imaging quality, magnification range from 0.18x to 6.0x, working distance range from 65 mm to 510 mm, optional point light interface.



**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-0.5-110-MP
Parameter	0.5x 110mm 2/3" TELECENTRIC LENS
<b>Performance</b>	
Magnification	0.5
Working Distance	110±2 mm
F-Number	F9.3
Image Size	Φ11 mm
Optical Distortion	≤ 0.1%
Depth of Field*	2.98 mm
Resolution	12 μm
Telecentricity	≤ 0.1°
Object Space NA	0.02688
Object Field of View	1/2": D: 16 mm, H: 12.28 mm, V: 9.84 mm 1/1.8": D: 18 mm, H: 14.74 mm, V: 9.84 mm 2/3": D: 22 mm, H: 16.88 mm, V: 14.14 mm
<b>Mechanical</b>	
Mount	C-Mount
Object-image Distance	248.0 ± 2 mm
Dimension	Φ35 mm × 120.5 mm
Weight	150 g
Temperature	-10 ~ 50°C
<b>General</b>	
Certification	RoHS2.0

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

**HIKROBOT**

Hangzhou Hikrobot Technology Co., Ltd.  
No.399 Danfeng Road, Binjiang District, Hangzhou 310051, China.  
en.hikrobotics.com

**MaxxVision®**

Sigmaringer Str. 121  
70567 Stuttgart  
Tel.: 0711 997 996 3  
www.maxxvision.com

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