

MVL-HT-2-110C

2 x 110mm 1/2" TELECENTRIC LENS

HT series Telecentric Lens are designed for machine vision application with excellent imaging quality, magnification range from 0.5x to 2.0x, working distance range from 65mm to 150mm, optional point light interface.



Key Features

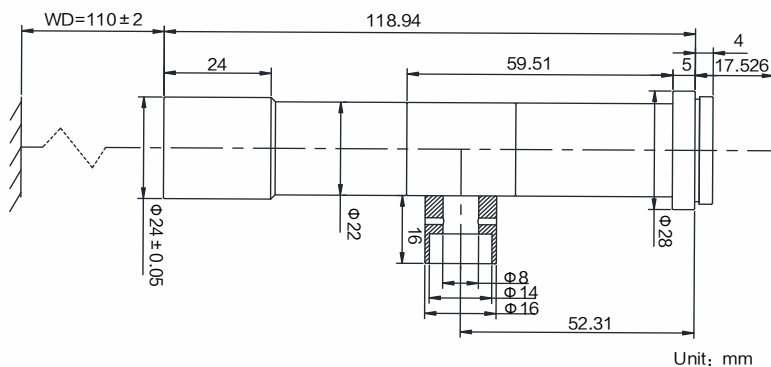
- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 1/1.8"

Specification

Model		MVL-HT-2-110C			
Parameter		2x 110mm 1/2" TELECENTRIC LENS			
Magnification	2x	Working Distance	110±2mm		
Depth of Field*	0.32mm	Resolution	5.37μm		
Optical Distortion	≤ 0.1%	Telecentricity	≤ 0.1°		
F-Number	F16	Object Space NA	0.0625		
Image Size	Φ8.4mm	Object-image Distance	246.47 ± 2mm		
Mount	C-Mount	Dimension	118.94mm × 24mm		
Operating Temperature	-10~50°C	Weight	97g		
Field of View (mm)	D	3	1/2"	4	4.45
	H	2.4		3.2	3.6
	V	1.8		2.4	2.65

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

Dimension



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