

## MVL-HT-05-110

### 0.5 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"

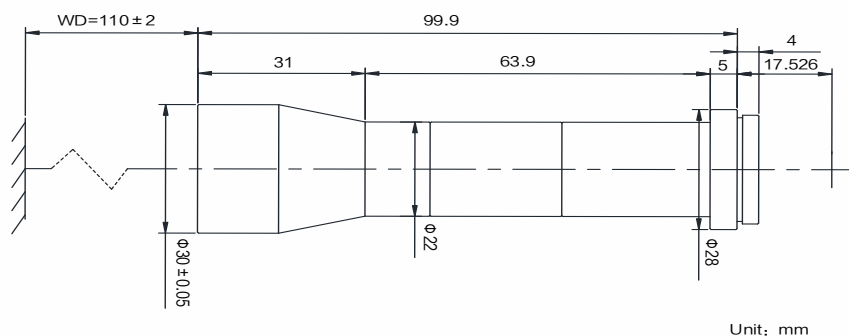


### Specification

Parameter		Model				
		MVL-HT-05-110				
		0.5x 110mm 1/2" TELECENTRIC LENS				
Magnification		0.5x	Working Distance	110±2mm		
Depth of Field*		3mm	Resolution	12.61µm		
Optical Distortion		≤ 0.1%	Telecentricity	≤ 0.1°		
F-Number		F9.4	Object Space NA	0.027		
Image Size		Ø8.4mm	Object-image Distance	227.43 ± 2mm		
Mount		C-Mount	Dimension	99.9mm × 30mm		
Operating Temperature		-10~50°C	Weight	84g		
Field of View (mm)	D	12	1/2"	1/1.8"	16	
	H	9.6			12.8	14.4
	V	7.2			9.6	10.6

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

### Dimension



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