

MVL-HT-07-65
0.7 x 65mm 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

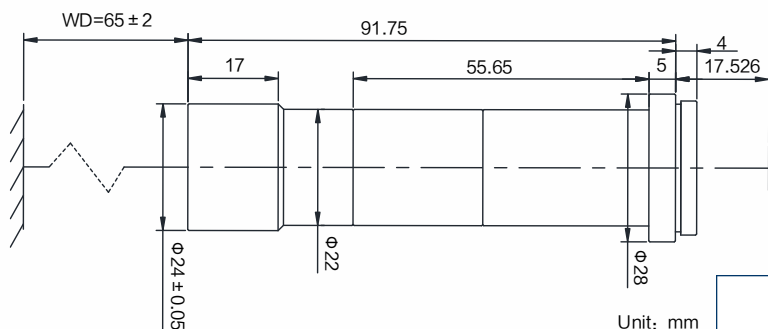
- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 1/1.8"

Specification

Parameter		Model					
		MVL-HT-07-65					
		0.7x 65mm 1/2" TELECENTRIC LENS					
Magnification		0.7x		Working Distance	65±2mm		
Depth of Field*		1.63mm		Resolution	9.59µm		
Optical Distortion		≤ 0.1%		Telecentricity	≤ 0.1°		
F-Number		F10		Object Space NA	0.035		
Image Size		Φ8.4mm		Object-image Distance	174.28 ± 2mm		
Mount		C-Mount		Dimension	91.75mm × 24mm		
Operating Temperature		-10~50°C		Weight	76g		
Field of View (mm)	D	1/3"	8.57	1/2"	11.43	1/1.8"	12.71
	H		6.86		9.14		10.29
	V		5.14		6.86		7.57

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

Dimension



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