

MVL-HT-07-65C

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"

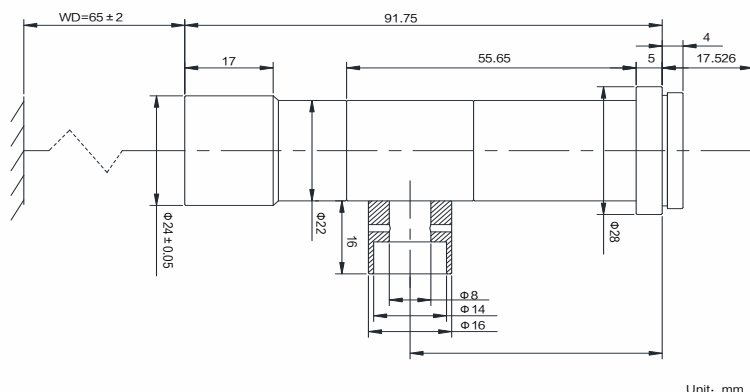


Specification

Parameter		Model	MVL-HT-07-65C					
			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	84g				
Field of View (mm)	D	1/3"	8.57	1/2"	1/1.8"	11.43		
	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



Unit: mm

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