

MVL-HT-2-65C

2 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

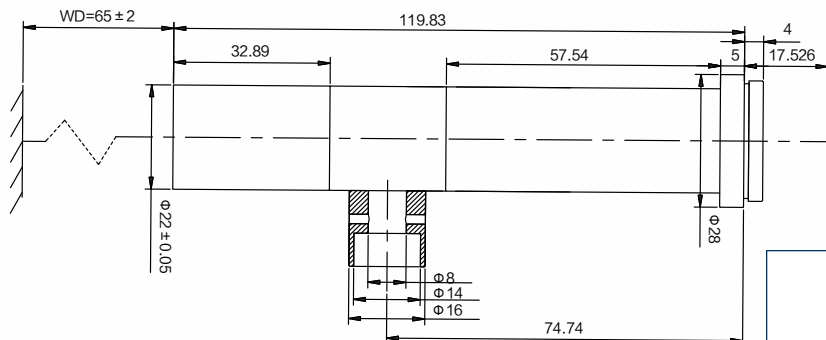
- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 1/1.8"

Specification

Parameter		Model				
		MVL-HT-2-65C				
		2x 65mm 1/2" TELECENTRIC LENS				
Magnification		2x		Working Distance	65±2mm	
Depth of Field*		0.32mm		Resolution	5.37µm	
Optical Distortion		≤ 0.1%		Telecentricity	≤ 0.1°	
F-Number		F16		Object Space NA	0.063	
Image Size		Φ8.4mm		Object-image Distance	202.36 ± 2mm	
Mount		C-Mount		Dimension	119.83mm × 22mm	
Operating Temperature		-10~50°C		Weight	105g	
Field of View (mm)	D		3		4	4.45
	H	1/3"	2.4	1/2"	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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