

MVL-HT-1-65

1 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"

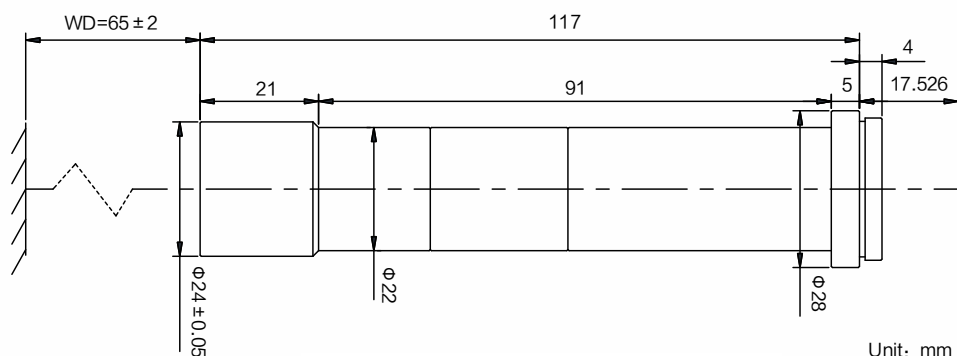


Specification

Parameter	Model	MVL-HT-1-65					
	1x 65mm 1/2" TELECENTRIC LENS						
Magnification	1x	Working Distance		65±2mm			
Depth of Field*	0.88mm	Resolution		7.38μm			
Optical Distortion	≤ 0.1%	Telecentricity		≤ 0.1°			
F-Number	F11	Object Space NA		0.045			
Image Size	Φ8.4mm	Object-image Distance		199.44 ± 2mm			
Mount	C-Mount	Dimension		117mm × 24mm			
Operating Temperature	-10~50°C	Weight		93g			
Field of View (mm)	D	1/3"	6	1/2"	8	1/1.8"	8.9
	H		4.8		6.4		7.2
	V		3.6		4.8		5.3

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

Dimension



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