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.
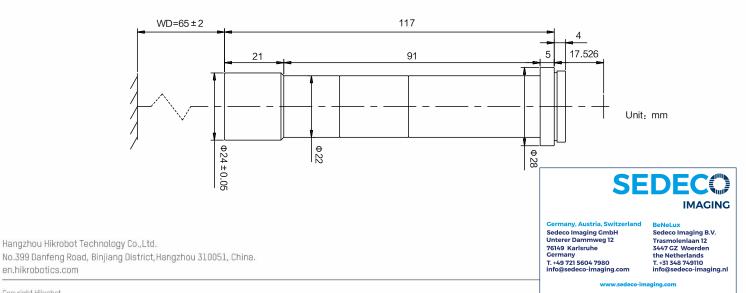
Key Features

- 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

Model		MVL-HT-1-65					
Parameter		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℃	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

WD=65 ± 2   117   4   21   91   5   17.526   Φ24±0.05   Φ22   Φ28   Unit：mm