

MVL-HT-1-65C

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

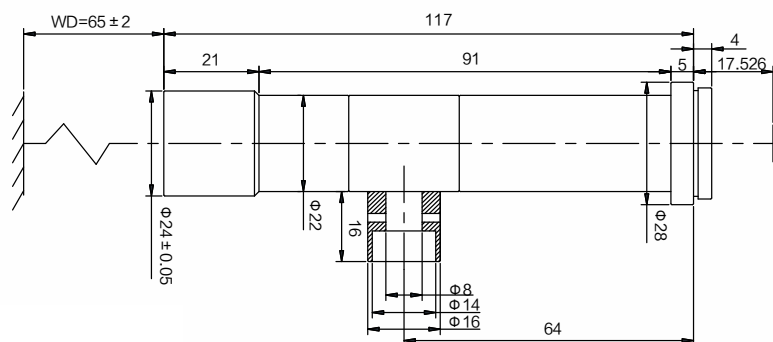
- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 1/1.8"

Specification

Parameter		MVL-HT-1-65C					
		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		101g		
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



Unit: mm

MaxxVision®

Sigmaringer Str. 121
70567 Stuttgart
Tel.: 0711 997 996 3
www.maxxvision.com

Hangzhou Hikrobot Technology Co., Ltd.
No.399 Danfeng Road, Binjiang District, Hangzhou 310051, China.
en.hikrobotics.com

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