

MVL-HT-05-65C
0.5 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

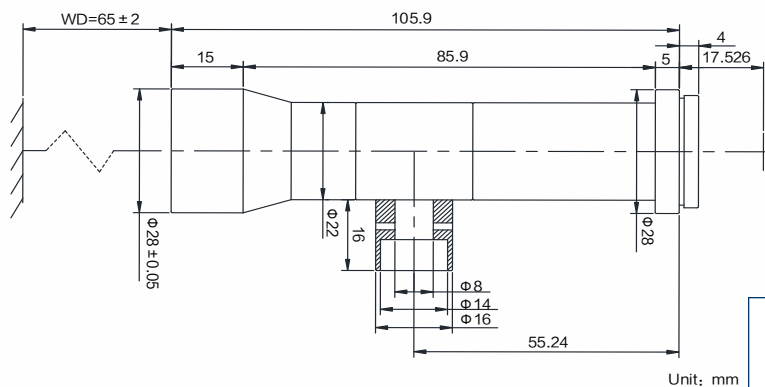
- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 1/1.8"

Specification

Model		MVL-HT-05-65C					
Parameter		0.5x 65mm 1/2" TELECENTRIC LENS					
Magnification	0.5x	Working Distance		65±2mm			
Depth of Field*	3.01mm	Resolution		12.61µm			
Optical Distortion	≤ 0.1%	Telecentricity		≤ 0.1°			
F-Number	F9.4	Object Space NA		0.027			
Image Size	Ø8.4mm	Object-image Distance		188.43 ± 2mm			
Mount	C-Mount	Dimension		105.9mm × 28mm			
Operating Temperature	-10~50°C	Weight		103g			
Field of View (mm)	D	12	1/2"	16	1/1.8"	17.8	
	H	9.6		12.8		14.4	
	V	7.2		9.6		10.6	

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

Dimension



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