

MVL-HT-07-110

0.7 x 110mm 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

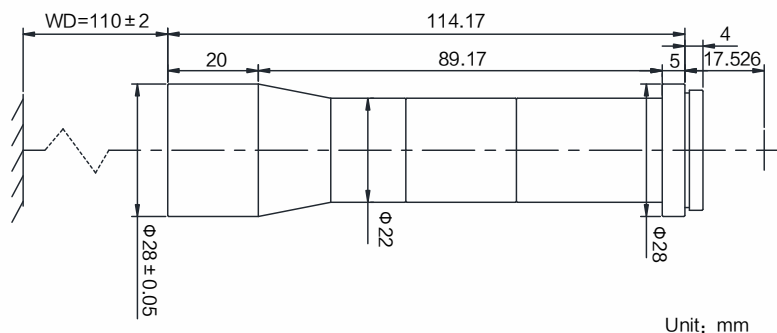
- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 1/1.8"

Specification

Model		MVL-HT-07-110				
Parameter		0.7x 110mm 1/2" TELECENTRIC LENS				
Magnification	0.7x	Working Distance	110±2mm			
Depth of Field*	1.63mm	Resolution	9.59µm			
Optical Distortion	≤ 0.12%	Telecentricity	≤ 0.1°			
F-Number	F10	Object Space NA	0.035			
Image Size	Φ8.4mm	Object-image Distance	241.7 ± 2mm			
Mount	C-Mount	Dimension	114.17mm × 28mm			
Operating Temperature	-10~50°C	Weight	94g			
Field of View (mm)	D	8.57	11.43	1/1.8"	12.71	
	H	1/3"	6.86		9.14	10.29
	V	5.14	6.86		7.57	

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

Dimension



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