

MVL-HT-1-110C

1 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"

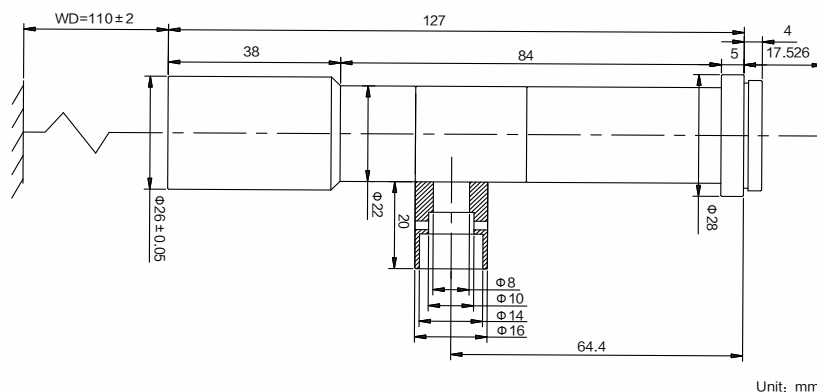


Specification

Model		MVL-HT-1-110C					
Parameter		1x 110mm 1/2" TELECENTRIC LENS					
Magnification	1x	Working Distance		110±2mm			
Depth of Field*	0.8mm	Resolution		6.71μm			
Optical Distortion	≤ 0.1%	Telecentricity		≤ 0.1°			
F-Number	F10	Object Space NA		0.05			
Image Size	Φ8.4mm	Object-image Distance		254.54 ± 2mm			
Mount	C-Mount	Dimension		127mm × 26mm			
Operating Temperature	-10~50°C	Weight		114g			
Field of View (mm)	D	6		8		8.9	
	H	1/3"	4.8	1/2"	6.4	1/1.8"	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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