MVL-HT-065-150

0.65 x 150mm 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

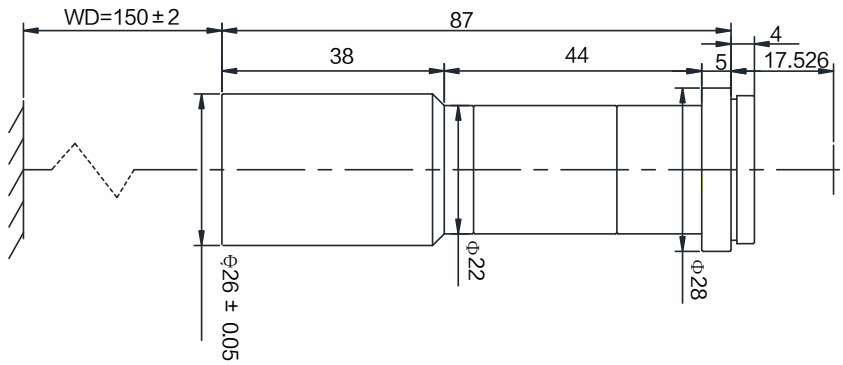
- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 1/1.8"

Specification

Model / Parameter		MVL-HT-065-150					
		0.65x 150mm 1/2” TELECENTRIC LENS					
Magnification		0.65x		Working Distance		150±2mm	
Depth of Field*		1.93mm		Resolution		10.53μm	
Optical Distortion		≤ 0.2%		Telecentricity		≤ 0.1°	
F-Number		F10.2		Object Space NA		0.035	
Image Size		Φ8.4mm		Object-image Distance		256.53±2mm	
Mount		C-Mount		Dimension		87mm×26mm	
Operating Temperature		-10~50℃		Weight		82g	
Field of View (mm)	D	1/3”	9.23	1/2”	12.31	1/1.8”	13.69
	H		7.38		9.85		11.08
	V		5.54		7.38		8.15

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

Dimension



Unit: mm

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