

## MVL-HT-2-65

### 2 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-2-65					
Parameter		2x 65mm 1/2" TELECENTRIC LENS					
Magnification	2x		Working Distance		65±2mm		
Depth of Field*	0.32mm		Resolution		5.37µm		
Optical Distortion	≤ 0.1%		Telecentricity		≤ 0.1°		
F-Number	F16		Object Space NA		0.063		
Image Size	Φ8.4mm		Object-image Distance		202.36 ± 2mm		
Mount	C-Mount		Dimension		119.83mm × 22mm		
Operating Temperature		-10~50°C		Weight		97g	
Field of View (mm)	D	1/3"	3	1/2"	4	1/1.8"	4.45
	H		2.4		3.2		3.6
	V		1.8		2.4		2.65

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

### Dimension

