

## 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℃		Weight		114g	
Field of View (mm)	D	1/3"	6	1/2"	8	1/1.8"	8.9
	H		4.8		6.4		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

