No.399 Danfeng Road, Binjiang District, Hangzhou 310051, China. en.hikrobotics.com

Copyright Hikrobot

Hangzhou Hikrobot Technology Co., Ltd. All Rights Reserved. Hangzhou Hikrobot Technology does not tolerate any infringement. Any organization or individual may not imitate or reproduce in whole or in part of the content. The data herein is based on Hikrobot's internal evaluation. Actual data may vary depending on specific configuration and operating condition. The information herein is subject to change without notice All the content has been checked conscientiously. Nevertheless, Hikrobot shall not be liable to damages resulting from errors, inconsistencies or omissions.

MVL-HT-07-110C

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

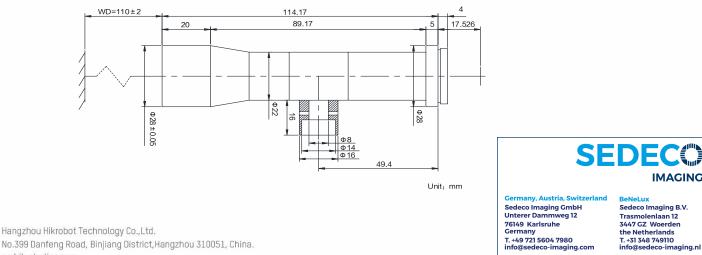
- High resolution and uniformity of image definition
- Low optical distortion and high telecentricity, more suitable for high precision measurement application
- Excellent anti-vibration performance and stability performance in temperature variation
- Image size compatible with 1/1.8"

Specification

Model		MVL-HT-07-110C					
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		Ф8.4mm	Object-image	Object-image Distance		241.7±2mm	
Mount		C-Mount	Dimension	Dimension		114.17mm×28mm	
Operating Temperature (°C)		-10~50°C	Weight		101g		
Field of View (mm)	D	8.57		11.43	1/1.8″	12.71	
	н	1/3" 6.86	1/2"	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





IMAGING

