

WWH03-110CT

Megapixel Telecentric Lens

- Compact design with coaxial illumination options;
- Perfect image and supports all kinds of Mega camera;
- High contrast, low distortion, high resolution;
- Optional adjustable Iris for resolution and DOF control;
- Megapixel 'object side' telecentric lens with optional long working distance versions with over 500mm working distance.



Optical Specifications	
Magnification (x)	0.3
Working Distance (mm)	110±2
Max Sensor Size (Φmm)	9.0(1/1.8")
Aperture (F/#)	9
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30(lp/mm)	100
NA	0.0167
Resolution (um)	20.1
Depth of Field (mm)	8.0

Field of View (mm × mm)	
1/3"(4.8x3.6)	16.0x12.0
1/2"(6.4x4.8)	21.3x16.0
1/1.8"(7.13x5.37)	23.8x17.9
Mechanical Specifications	
Mount	C
Length (mm)	137.1
Coaxial Light	Yes
Iris	No

Notes:

1. Depth of Field is calculated value, this value could be used for imaging test, but to get sharp image in application, half of calculated value is suggested.

