

WWH05-510AT

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)	0.5
Working Distance (mm)	510±3
Max Sensor Size (Φmm)	9.0(1/1.8")
Aperture (F/#)	14.2
Telecentricity typical (max) (deg)	0.8
Distortion typical (max) (%)	<0.1
MTF30(lp/mm)	63
NA	0.0174
Resolution (μm)	19.3
Depth of Field (mm)	4.5

Field of View (mm × mm)	
1/3"(4.8x3.6)	9.6x7.2
1/2"(6.4x4.8)	12.8x9.6
1/1.8"(7.13x5.37)	14.3x10.7
Mechanical Specifications	
Mount	C
Length (mm)	163.5
Coaxial Light	No
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.

