

WWH20-180CT-110

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)	2.0
Working Distance (mm)	180
Max Sensor Size (Φmm)	16(1")
Aperture (F/#)	16
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.2
NA	0.06246
Resolution (um)	5.4
Depth of Field (mm)	0.3

Field of View (mm × mm)	
1/1.8"(7.13x5.37)	3.6x2.7
2/3"(8.8x6.6)	4.4x3.3
1"(12.43x9.83)	6.2x4.9
Mechanical Specifications	
Mount	C
Length (mm)	161.5
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.

