

# WWH80-65CT

## Megapixel Telecentric Lens

### WWH Series Features:

- 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)	8.0
Working Distance (mm)	65
Max Sensor Size (Φmm)	11(2/3")
Aperture (F/#)	31
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	0.03
MTF30(lp/mm)	75
NA	0.1206
Resolution (μm)	2.8
Depth of Field (mm)	0.04

Field of View (mm × mm)	
1/2"(6.4x4.8)	0.8x0.6
1/1.8"(7.13x5.37)	0.9x0.7
2/3"(8.8x6.6)	1.1x0.9
Mechanical Specifications	
Mount	C
Length (mm)	134
Coaxial Light	Yes
Iris	-

### 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.

