

# WWH20-110ATV2

## Megapixel Telecentric Lens

- Compact design with coaxial illumination options;
- Perfect image and supports all kinds of 5Mega 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)	110±2
Max Sensor Size (Φmm)	11.0(2/3")
Aperture (F/#)	12.2
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30(lp/mm)	>70
NA	0.0815
Resolution (um)	4.1
Depth of Field (mm)	0.2

Field of View (mm × mm)	
1/2" (6.4x4.8)	3.2x2.4
1/1.8" (7.13x5.37)	3.6x2.7
2/3" (8.8x6.6)	4.4x3.3
Mechanical Specifications	
Mount	C
Length (mm)	133.5
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.

