

# WWK015-320-120-AL

## Large FOV Objective Telecentric Lens

- High definition, low distortion, good telecentricity, especially suitable for high-precision AOI and positioning applications.
- Built-in coaxial lighting, especially suitable for inspection of wafers, glass devices.
- Quickly customization apply to different camera specifications, as well as magnification, working distance, DOF requirements.



Optical Specifications	
Magnification (x)	0.15
Working Distance (mm)	320±2
Max Sensor Size (Φmm)	7.93(1/2.3")
Best Aperture (F/#)	7
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.05
MTF30 (lp/mm)	>130
NA	0.0107
Resolution (μm)	31.3
Depth of Field (mm)	±12.4@F7
Length of I/O (mm)	517.0

Field of View (mm × mm)	
1/2.5" 9P001/31 (5.7x4.28)	38.0x28.5
1/2" 9J003 (6.44x4.62)	42.9x30.8

Mechanical Specifications	
Mount	C
Length (mm)	179.5
Weight (kg)	-
Coaxial Light	No
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.
2. Length of I/O = WD + Length + Back Focal Length.

