

WWK012-330-120-AL

Large FOV Objective Telecentric Lens

- Object side telecentric lens, support 5Mp-25Mp area scan camera.
- 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)	0.12
Working Distance (mm)	330±3
Max Sensor Size (Φmm)	8(1/2")
Best Aperture (F/#)	7.0
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.05
MTF30 (lp/mm)	>135
NA	0.00858
Resolution (μm)	39.1
Depth of Field (mm)	±19.4@F7

Field of View (mm × mm)	
1/2.5" 9P001/31 (5.7x4.28)	47.5x35.7
1/2.3" 9J003 (6.44x4.62)	53.7x38.5
Mechanical Specifications	
Mount	C
Length (mm)	192.6
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.
2. Length of I/O = WD + Length + Back Focal Length.

