

WWK032-220-110

Large FOV Objective Telecentric Lens

- Object side telecentric lens, support 5Mp-20Mp 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)	0.32
Working Distance (mm)	220±3
Max Sensor Size (Φmm)	16.0(1")
Best Aperture (F/#)	12.1
Telecentricity typical (max) (deg)	<0.07
Distortion typical (max) (%)	<0.15
MTF30 (lp/mm)	>75
NA	0.01319
Resolution (μm)	25.4
Depth of Field (mm)	±4.7@F12.1
Length of I/O (mm)	447.5

Field of View (mm × mm)	
1" IMX183 (13.13x8.76)	41.03x27.4
Mechanical Specifications	
Mount	C
Length (mm)	210.0
Weight (kg)	-
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.

