

WWK022-220-230-ALV2

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)	0.22
Working Distance (mm)	220
Max Sensor Size (Φmm)	11(2/3")
Best Aperture (F/#)	6.9
Telecentricity typical (max) (deg)	≤0.05
Distortion typical (max) (%)	≤0.05
MTF30 (lp/mm)	≥ 130
NA	0.01595376
Resolution (μm)	21.0
Depth of Field (mm)	±5.7@F6.9

Field of View (mm × mm)	
1/1.8" EV76C570 (7.2x5.4)	32.7x24.5
1/1.7" IMX226 (7.5x5.6)	34.0x25.5
2/3" IMX250/264 (8.45x7.1)	38.4x32.3
Mechanical Specifications	
Mount	C
Length (mm)	190.1
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.

