

WWK05-110C-230

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)	0.5
Working Distance (mm)	110±2
Max Sensor Size (Φmm)	11.0(2/3")
Best Aperture (F/#)	7
Telecentricity typical (max) (deg)	<0.03
Distortion typical (max) (%)	<0.03
MTF30 (lp/mm)	>140
NA	0.03551
Resolution (μm)	9.4
Depth of Field (mm)	±1.1@F7
Length of I/O (mm)	255±2

Field of View (mm × mm)	
1/1.8" EV76C570 (7.2x5.4)	14.4x10.8
1/1.7" IMX226 (7.5x5.6)	15.0x11.2
2/3" IMX250/264 (8.45x7.1)	16.9x14.2
Mechanical Specifications	
Mount	C
Length (mm)	127.3
Weight (kg)	-
Coaxial Light	Yes
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.

