

WWK066-110-110

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)	0.66
Working Distance (mm)	110±2
Max Sensor Size (Φmm)	16(1")
Best Aperture (F/#)	7
Telecentricity typical (max) (deg)	<0.01
Distortion typical (max) (%)	<0.02
MTF30 (lp/mm)	>135
NA	0.04708
Resolution (μm)	7.1
Depth of Field (mm)	±0.6@F7
Length of I/O (mm)	257.3

Field of View (mm × mm)	
1" PYTHON 5000(12.43X9.83)	18.8x14.9
1" IMX255 (14.19x7.51)	21.5x11.4
1" IMX183 (13.13x8.76)	19.9x13.3
Mechanical Specifications	
Mount	C
Length (mm)	129.8
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.

