

WWK07-108C-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 highprecision 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) | 0.7 |
| Working Distance (mm) | 108 |
| Max Sensor Size (Фmm) | 16(1") |
| Best Aperture (F/#) | 7 |
| Telecentricity typical (max) (deg) | ≤ 0.02 |
| Distortion typical (max) (%) | ≤ 0.02 |
| MTF30 (lp/mm) | ≥ 135 |
| NA | 0.04944 |



| Field of View (mm × mm) | |
|---------------------------|-----------|
| 1"PYTHON5000(12.43x9.83) | 17.8x14.0 |
| 1"IMX255(14.19x7.51) | 20.3x10.8 |
| 1"IMX183(13.13x8.76) | 18.8x12.5 |
| Mechanical Specifications | |
| Mount | С |
| Length (mm) | 133.4 |
| Weight (kg) | - |
| Coaxial Light | YES |

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.

±0.6@F7

2. Length of I/O = WD + Length + Back Focal Length.

Depth of Field (mm)



