

WWH05-110CT

Megapixel Telecentric Lens

- Compact design with coaxial illumination options;
- Perfect image and supports all kinds of Mega camera;
- High contrast, low distortion, high resolution;
- Optional adjustable Iris for resolution and DOF control;
- Megapixel 'object side' telecentric lens with optional long working distance versions with over 500mm working distance.



| Optical Specifications | |
|------------------------------------|------------|
| Magnification (x) | 0.5 |
| Working Distance (mm) | 110±2 |
| Max Sensor Size (Φmm) | 11.0(2/3") |
| Aperture (F/#) | 9.6 |
| Telecentricity typical (max) (deg) | <0.1 |
| Distortion typical (max) (%) | <0.1 |
| MTF30(lp/mm) | 80 |
| NA | 0.026 |
| Resolution (μm) | 12.9 |
| Depth of Field (mm) | 3.1 |

| Field of View (mm × mm) | |
|---------------------------|-----------|
| 1/2"(6.4x4.8) | 12.8x9.6 |
| 1/1.8"(7.13x5.37) | 14.3x10.7 |
| 2/3"(8.8x6.6) | 17.6x13.2 |
| Mechanical Specifications | |
| Mount | C |
| Length (mm) | 135.2 |
| 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.

