

# WWH40-110AT

## 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)                  | 4.0        |
| Working Distance (mm)              | 110±2      |
| Max Sensor Size (Φmm)              | 11.0(2/3") |
| Aperture (F/#)                     | 25.6       |
| Telecentricity typical (max) (deg) | <0.1       |
| Distortion typical (max) (%)       | <0.1       |
| MTF30(lp/mm)                       | 35         |
| NA                                 | 0.075      |
| Resolution (um)                    | 4.5        |
| Depth of Field (mm)                | 0.1        |

| Field of View (mm x mm)   |         |
|---------------------------|---------|
| 8.47x7.10 with ICX625/655 | 2.1x1.8 |
| Mechanical Specifications |         |
| Mount                     | C       |
| Length (mm)               | 128.8   |
| 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.

