

# WH033-490A-230

Megapixel high resolution lens

- Perfect image and supports all kinds of Mega camera;
- High contrast, low distortion, high resolution.



| Optical Specifications             |          |
|------------------------------------|----------|
| Magnification (x)                  | 0.33     |
| Working Distance (mm)              | 490      |
| Max Sensor Size (Φmm)              | 11(2/3") |
| Aperture (F/#)                     | 11       |
| Telecentricity typical (max) (deg) | -        |
| Distortion typical (max) (%)       | 0.05     |
| NA                                 | 0.01502  |
| Resolution (um)                    | 22.3     |
| Depth of Field (mm)                | 8.1      |

| Field of View (mm × mm)   |           |
|---------------------------|-----------|
| 1/2"(6.4x4.8)             | 19.4x14.5 |
| 1/1.8"(7.13x5.37)         | 21.6x16.3 |
| 2/3"(8.8x6.6)             | 26.7x20.0 |
| Mechanical Specifications |           |
| Mount                     | C         |
| Length (mm)               | 195.3     |
| 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.

