

DTCM210-100H-M58-AL

Large Format Bi-telecentric Lens

- Optimized for 4/3"~44mm M-mount or other mount cameras;
- FOV from 26mm upto 300mm;
- High resolution, low distortion and homogeneous image quality;
- Full test report for each units are provided;
- Customized mounts available.



| Optical Specifications | |
|------------------------------------|----------|
| Magnification (x) | 0.330 |
| Object Field of View (Φmm) | 100 |
| Working Distance (mm) | 238±4 |
| Max Sensor Size (Φmm) | 33(2") |
| Best Aperture (F/#) | 7.8 |
| Telecentricity typical (max) (deg) | <0.1 |
| Distortion typical (max) (%) | <0.1 |
| MTF30 (lp/mm) | >118 |
| Depth of Field (mm) | ±5.9@F16 |
| Length of I/O (mm) | 597±4 |

| Field of View (mm × mm) | |
|-----------------------------|---------------------|
| 2" DALSA 12M (24.58x18.43) | 74.5x55.8 |
| 2" PYTHON 25K (23.04x23.04) | 69.8x69.8 |
| Mechanical Specifications | |
| Mount | M58 |
| Length (mm) | 346.7 |
| Weight (kg) | 3.6 |
| Compatible Lighting | |
| Telecentric LED Lighting | DTCL-100H-xW-y |
| | Beam Diameter 100mm |

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.

