

DTCM210-170-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)	0.194
Object Field of View (Φmm)	170
Working Distance (mm)	318±5
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)	>110
Depth of Field (mm)	±17.0@F16
Length of I/O (mm)	803±5

Field of View (mm × mm)	
2" DALSA 12M (24.58x18.43)	126.7x95.0
2" PYTHON 25K (23.04x23.04)	118.8x118.8
Mechanical Specifications	
Mount	M58 or other
Length (mm)	472.9
Weight (kg)	7.1
Compatible Lighting	
Telecentric LED Lighting	DTCL-170-xW-y
	Beam Diameter 170mm

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.

