

DTCM210-190H-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)	0.174
Object Field of View (Φmm)	190
Working Distance (mm)	330±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)	>115
Depth of Field (mm)	±21.2@F16
Length of I/O (mm)	842±5

Field of View (mm × mm)	
2" DALSA 12M (24.58x18.43)	141.3x105.9
2" PYTHON 25K (23.04x23.04)	132.4x132.4
Mechanical Specifications	
Mount	M42/M58
Length (mm)	502.1
Weight (kg)	10.2
Compatible Lighting	
Telecentric LED Lighting	DTCL-190H-xW-y
	Beam Diameter 190mm

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.

