

## DTCM210-90-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)	0.367	
Object Field of View (Фmm)	90	
Working Distance (mm)	208±3	
Max Sensor Size (Фmm)	33(2")	
Best Aperture (F/#)	8.6	
Telecentricity typical (max) (deg)	<0.1	
Distortion typical (max) (%)	<0.1	
MTF30 (lp/mm)	>100	
Depth of Field (mm)	±4.7@F16	
Length of I/O (mm)	524±3	



Field of View (mm × mm)		
2" DALSA 12M (24.58x18.43)		67.0x50.2
2" PYTHON 25K (23.04x23.04)		62.8x62.8
Mechanical Specifications		
Mount		M58 or other
Length (mm)		304.0
Weight (kg)		2.3
Compatible Lighting		
Telecentric LED Lighting	DTCL-90-xW-y	
	Beam Diameter 90mm	

## 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.



