

DTCM210-80H-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)	0.413	
Object Field of View (Фmm)	80	
Working Distance (mm)	228±4	
Max Sensor Size (Фmm)	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)	±3.8@F16	
Length of I/O (mm)	509±4	



Field of View (mm × mm)		
2" DALSA 12M (24.58x18.43)		59.5x44.6
2" PYTHON 25K (23.04x23.04)		55.8x55.8
Mechanical Specifications		
Mount		M58 or other
Length (mm)		269.0
Weight (kg)		2.5
Compatible Lighting		
Telecentric LED Lighting	DTCL-80H-xW-y	
	Beam Diameter 80Hmm	

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.



