

DTCM210-120H-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)	0.275	
Object Field of View (Фmm)	120	
Working Distance (mm)	273±5	
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)	>115	
Depth of Field (mm)	±8.5@F16	
Length of I/O (mm)	653±5	

Field of View (mm × mm)		
2" DALSA 12M (24.58x18.43)		89.4x67.0
2" PYTHON 25K (23.04x23.04)		83.8x83.8
Mechanical Specifications		
Mount		M42/M48/M58
Length (mm)		368.3
Weight (kg)		4.8
Compatible Lighting		
Telecentric LED Lighting	DTCL-120-xW-y	
	Beam Diameter 120mm	

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.

