

DTCM430H-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)	0.197	
Object Field of View (Фmm)	120	
Working Distance (mm)	273±5	
Max Sensor Size (Фmm)	23.6(4/3")	
Best Aperture (F/#)	4.6	
Telecentricity typical (max) (deg)	<0.1	
Distortion typical (max) (%)	<0.1	
MTF30 (lp/mm)	>182	
Depth of Field (mm)	±16.5@F16	
Length of I/O (mm)	617±5	

Field of View (mm × mm)		
4/3" Keyence 21M (17.86x14.32)		90.7x72.7
4/3" PYTHON 12K (18.43x13.82)		93.6x70.2
4/3" CMV8000 (18.48x13.73)		93.8x69.7
Mechanical Specifications		
Mount		M42/M58/F
Length (mm)		331.9
Weight (kg)		-
Compatible Lighting		
Telecentric LED Lighting	DTCL-120H-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.



