

# 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 (Φmm)	120
Working Distance (mm)	273±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)	±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.

