

DTCM210-300-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)	0.110
Object Field of View (Φ mm)	300
Working Distance (mm)	465 \pm 6
Max Sensor Size (Φ mm)	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)	\pm 52.8@F16
Length of I/O (mm)	1197 \pm 6

Field of View (mm × mm)	
26.93x17.95 with KAI-16050	244.8x163.2
23.04x23.04 with PYTHON 25K	209.5x209.5
Mechanical Specifications	
Mount	M58 or other
Length (mm)	720.0
Weight (kg)	47.1
Compatible Lighting	
Telecentric LED Lighting	DTCL-300-xW-y
	Beam Diameter 300mm

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.

