

## DTCM111-100-AL

## C-mount Bi-telecentric Lens

- Optimized for 1/2.5"~1.1" C-Mount cameras;
- Largest FOV from 26mm upto 300mm;
- Excellent resolution for high pixel cameras;
- Low distortion, good telecentricity, big aperture and big depth of field for high end application.

Optical Specifications		
Magnification (x)	0.184	
Object Field of View (Фmm)	100	
Working Distance (mm)	258±4	
Max Sensor Size (Фmm)	18.4(1.1")	
Best Aperture (F/#)	7.2	
Telecentricity typical (max) (deg)	<0.1	
Distortion typical (max) (%)	<0.1	
MTF30 (lp/mm)	>120	



Field of View (mm × mm)		
1" IMX183 (13.13x8.76)		71.4x47.6
1.1" IMX253 (14.19x10.38)		77.1x56.4
Mechanical Specifications		
Mount		С
Length (mm)		270.1
Weight (kg)		3.2
Compatible Lighting		
Telecentric LED Lighting	DTCL-100-xW-y	
	Beam Diameter 100mm	

## 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.

±18.9@F16

546±4

2. Length of I/O = WD + Length + Back Focal Length.

Depth of Field (mm)

Length of I/O (mm)

