

DTCM111-36-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)	0.511
Object Field of View (Φ mm)	36
Working Distance (mm)	110±2
Max Sensor Size (0mm)	18.4(1.1")
Best Aperture (F/#)	8.7
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>85
Depth of Field (mm)	±3.0@F20
Length of I/O (mm)	295±2



Field of View (mm × mm)		
1" IMX183 (13.13x8.76)		25.7x17.1
1.1" IMX253 (14.19x10.38)		27.8x20.3
Mechanical Specifications		
Mount		С
Length (mm)		167.7
Weight (kg)		0.6
Compatible Lighting		
Telecentric LED Lighting	DTCL-36-xW-y	
	Beam Diameter 36mm	

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.



