

DTCM230-110-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)	0.104	
Object Field of View (Фmm)	110	
Working Distance (mm)	263±4	
Max Sensor Size (Фmm)	11.4(2/3")	
Best Aperture (F/#)	4.9	
Telecentricity typical (max) (deg)	<0.1	
Distortion typical (max) (%)	<0.1	
MTF30 (lp/mm)	>190	
Depth of Field (mm)	±40.7@F11	
Length of I/O (mm)	550±4	



Field of View (mm × mm)		
1/1.8" EV76C570 (7.2x5.4)		69.2x51.9
1/1.7" IMX226 (7.5x5.6)		72.1x53.8
2/3" IMX250/264 (8.45x7.1)		81.3x68.3
Mechanical Specifications		
Mount		С
Length (mm)		269.6
Weight (kg)		2.7
Compatible Lighting		
Telecentric LED Lighting	DTCL-110-xW-y	
	Beam Diameter 110mm	

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.



