

DTCM230-150-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)	0.076	
Object Field of View (Фmm)	150	
Working Distance (mm)	300±5	
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)	>185	
Depth of Field (mm)	±76.1@F11	
Length of I/O (mm)	642±5	

Field of View (mm × mm)		
1/1.8" EV76C570 (7.2x5.4)		94.7x71.1
1/1.7" IMX226 (7.5x5.6)		98.7x73.7
2/3" IMX250/264 (8.45x7.1)		111.2x93.4
Mechanical Specifications		
Mount		С
Length (mm)		324.0
Weight (kg)		5.7
Compatible Lighting		
Telecentric LED Lighting	DTCL-150-xW-y	
	Beam Diameter 150mm	

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.



