

DTCM110-64H-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)	0.259
Object Field of View (Φmm)	64
Working Distance (mm)	158±3
Max Sensor Size (Φmm)	16.6(1")
Best Aperture (F/#)	6.5
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>130
Depth of Field (mm)	±9.5@F16
Length of I/O (mm)	366±3

Field of View (mm × mm)	
12.85×9.64 with KAI-04050	49.6×37.2
11.26×11.26 with CMV4000	43.5×43.5
12.50×10.00 with ICX674/694/814	48.3×38.6
Mechanical Specifications	
Mount	C
Length (mm)	190.5
Weight (kg)	0.9
Compatible Lighting	
Telecentric LED Lighting	DTCL-64-xW-y
	Beam Diameter 64mm

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.

