

DTCM111-100H-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)	238±4
Max Sensor Size (Фmm)	18.4(1.1")
Best Aperture (F/#)	6.2
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>120
Depth of Field (mm)	±13.0@F11
Length of I/O (mm)	545±4



Field of View (mm × mm)		
'6)	71.4x47.6	
.38)	77.1x56.4	
Mechanical Specifications		
	С	
	289.5	
	3.2	
Compatible Lighting		
DTCL-100H-xW-y		
Beam Diameter 100mm		
	e Lightin	

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.



