

## DTCM35FH-300-AL

## Large Format Bi-telecentric Lens

- Optimized for 4/3"~44mm M-mount or other mount cameras;
- FOV from 26mm upto 300mm;
- High resolution, low distortion and homogeneous image quality;
- Full test report for each units are provided;
- · Customized mounts available.



Optical Specifications		
Magnification (x)	0.145	
Object Field of View (Фmm)	300	
Working Distance (mm)	465±6	
Max Sensor Size (Фmm)	44(35mm Full)	
Best Aperture (F/#)	6.7	
Telecentricity typical (max) (deg)	<0.1	
Distortion typical (max) (%)	<0.1	
MTF30 (lp/mm)	>130	
Depth of Field (mm)	±20.9@F11	
Length of I/O (mm)	1234±6	

Field of View (mm × mm)		
CMV50000 (36.43x27.62)		251.2x190.5
KAI29050/2 (36.17x24.11)		249.4x166.3
KAI43142 (36.18x24.12)		249.5x166.3
Mechanical Specifications		
Mount		M58
Length (mm)		757.3
Weight (kg)		47.5
Compatible Lighting		
Telecentric LED Lighting	DTCL-300-xW-y	
	Beam Diameter 300mm	

## 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.



