

DTCM71M-100-AL

F-mount Bi-telecentric Lens

- Optimized for 4/3"~35mm F-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)	0.390	
Object Field of View (0 mm)	100	
Working Distance (mm)	258±4	
Max Sensor Size (Фmm)	39	
Best Aperture (F/#)	15.3	
Telecentricity typical (max) (deg)	<0.1	
Distortion typical (max) (%)	<0.1	
MTF30 (lp/mm)	>55	
Depth of Field (mm)	±5.2@F20	
Length of I/O (mm)	614±4	



Field of View (mm × mm)			
31.0x21.7 with CHR 7	OM	79.5x55.6	
Mechanical Specifications			
Mount		F or Other	
Length (mm)		309.1	
Weight (kg)		3.4	
Compatible Lighting			
Telecentric LED Lighting	DTCL-100-xW-y		
	Beam Diameter 100mm		

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.

