

# VCM111B-216-AL

## C-mount Bi-telecentric Lens

- Superior bi-telecentric design, distinguished imaging quality;
- Largest FOV from 26mm upto 300mm;
- Optimized for 1/2.5"~1.1" C-Mount cameras;
- Low distortion, good telecentricity, big aperture and big depth of field for high end application.



Optical Specifications	
Magnification (x)	0.085
Object Field of View (Φmm)	216
Working Distance (mm)	372±4
Max Sensor Size (Φmm)	18.4 (1.1")
Best Aperture (F/#)	5.4
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>163
Depth of Field (mm)	±24.3
Length of I/O (mm)	927.8

Field of View (mm × mm)	
14.13x10.35 with IMX304	166.2x121.7
Mechanical Specifications	
Mount	C
Length (mm)	538.3
Compatible Lighting	
Telecentric LED Lighting	VCL-216-xW-y Beam Diameter 216mm

### 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.

