

VCM110-100P-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)	0.168
Object Field of View (Φmm)	100
Working Distance (mm)	238±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)	>164
Depth of Field (mm)	±8
Length of I/O (mm)	531.8

Field of View (mm × mm)	
12.85×9.64 with KAI-04050	76.4x57.3
11.26×11.26 with CMV4000	67.0x67.0
12.50×10.00 with ICX674/694/814	74.4x59.5
Mechanical Specifications	
Mount	C
Length (mm)	276.3
Weight (kg)	2.79
Compatible Lighting	
Telecentric LED Lighting	VCL-100P-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.

