

VCM110-136-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)	0.122
Object Field of View (Φmm)	136
Working Distance (mm)	288±4
Max Sensor Size (Φmm)	16.6(1")
Best Aperture (F/#)	6
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>164
Depth of Field (mm)	±9
Length of I/O (mm)	696.7

Field of View (mm × mm)	
12.85×9.64 with KAI-04050	105.3×79.0
11.26×11.26 with CMV4000	92.2×92.2
12.50×10.00 with ICX674/694/814	102.4×81.9
Mechanical Specifications	
Mount	C
Length (mm)	391.2
Weight (kg)	6.94
Compatible Lighting	
Telecentric LED Lighting	VCL-136-xW-y
	Beam Diameter 136mm

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.

