

# VCM110-26-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)	0.642
Object Field of View (Φmm)	26
Working Distance (mm)	72±2
Max Sensor Size (Φmm)	16.6(1")
Best Aperture (F/#)	9
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>126
Depth of Field (mm)	±0.6
Length of I/O (mm)	222.8

Field of View (mm × mm)	
12.85×9.64 with KAI-04050	20.0×15.0
11.26×11.26 with CMV4000	17.5×17.5
12.50×10.00 with ICX674/694/814	19.5×15.6
Mechanical Specifications	
Mount	C
Length (mm)	133.3
Weight (kg)	0.37
Compatible Lighting	
Telecentric LED Lighting	VCL-26-xW-y Beam Diameter 26mm

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.

