

# GAGE253/0468-94-35

## High-precision Bi-telecentric Lens

- Large CCD size, high resolution imaging system design;
- FOV from 26mm upto 300mm;
- Low distortion, good telecentricity, big aperture and big depth of field for high end application.



Optical Specifications	
Magnification (x)	0.468
Object Field of View (Φmm)	94
Working Distance (mm)	254±3
Max Sensor Size (Φmm)	44 (35mm)
Best Aperture (F/#)	18
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>50
Depth of Field (mm)	±3
Length of I/O (mm)	572.9

Field of View (mm × mm)	
36.17x24.11w ith KAI29050	77.28x51.51
Mechanical Specifications	
Mount	F
Length (mm)	272.4mm
Compatible Lighting	
Telecentric LED Lighting	VCL-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.

