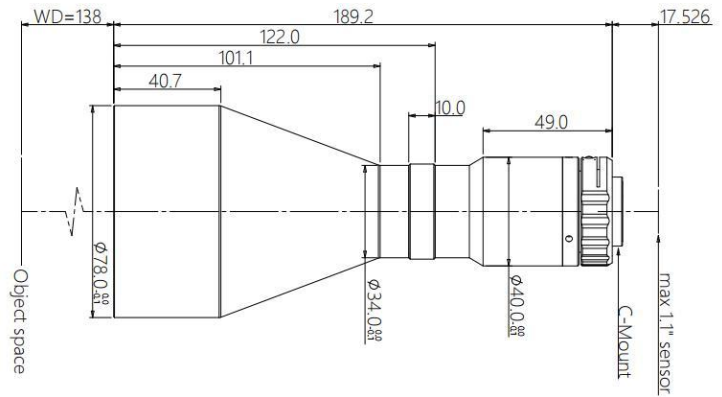


Specifications

CK-SDTCM111-56-AL

High-precision dual telecentric lens



Lens Features

- The ultimate bi-telecentric design with excellent imaging quality
- FOV from 26mm to 300mm, to meet the needs of different markets
- Supports various C-mount industrial cameras from 1/2.5"~1.1"
- Large aperture, high telecentricity, ultra-low distortion, and large depth of field, meeting high-end system requirements

Optical parameters

Field of View (Φ mm)	56
Magnification $\beta(x)$	0.329
Working distance (mm)	138 \pm 3
CCD size (Φ mm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>145
Depth of field (mm)	\pm 4.0@F11
Image distortion (% max)	<0.1
Telecentricity ($^{\circ}$ max)	<0.1
Object distance I/O(mm)	345 \pm 3

Supporting light source

Parallel (telecentric) lights

SDTCL-56-xW-y

Beam diameter 56mm



Mechanical parameters

Camera interface	C
Overall length of lens (mm)	189.2
Net weight (kg)	0.8

Field of View (mm x mm)

1" IMX183 (13.13x8.76)	39.9x26.6
1.1" IMX253 (14.19x10.38)	43.1x31.6