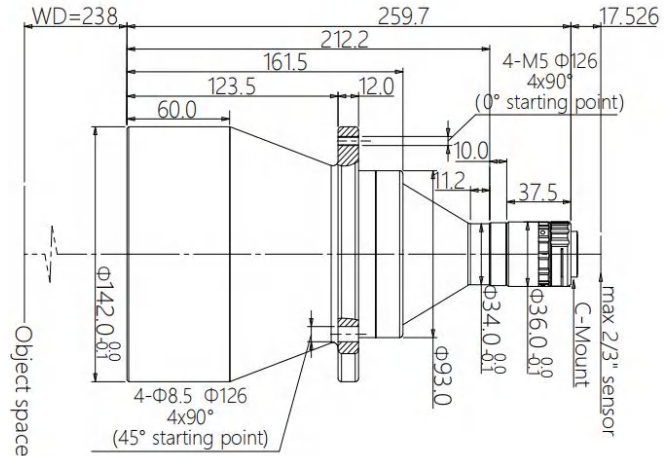


Specifications

CK-SDTCM230-100H-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)	100
Magnification β (x)	0.114
Working distance (mm)	238 \pm 4
CCD size (Φ mm)	11.4(2/3")
F/#	4.9
MTF30(lp/mm)	>185
Depth of field (mm)	\pm 33.8@F11
Image distortion (% max)	<0.1
Telecentricity ($^{\circ}$ max)	<0.1
Object distance I/O(mm)	515 \pm 4

Supporting light source

Parallel (telecentric) lights
SDTCL-100H-xW-y
Beam diameter 100mm



Mechanical parameters

Camera interface	C
Overall length of lens (mm)	259.7
Net weight (kg)	3.2

Field of View (mm x mm)

1/1.8" EV76C570 (7.2x5.4)	63.2x47.4
1/1.7" IMX226 (7.5x5.6)	65.8x49.1
2/3" IMX250/264 (8.45x7.1)	74.1x62.3