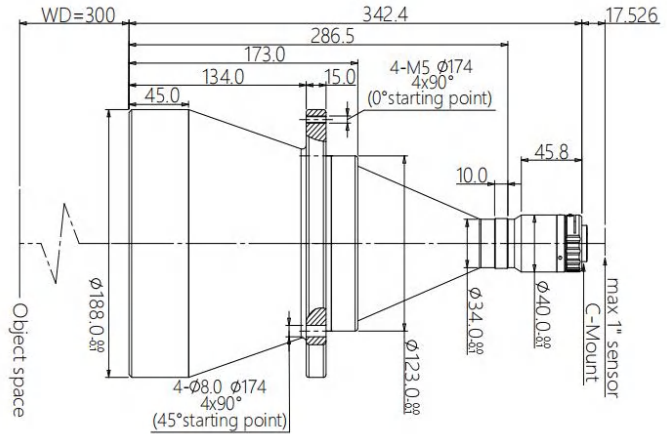


Specifications

CK-SDTCM110-150-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)	150
Magnification $\beta(x)$	0.110
Working distance (mm)	300 \pm 5
CCD size (Φ mm)	16.6(1")
F/#	6.5
MTF30(lp/mm)	>120
Depth of field (mm)	$\pm 52.8@F16$
Image distortion (% max)	<0.1
Telecentricity ($^{\circ}$ max)	<0.1
Object distance I/O(mm)	660 \pm 5

Supporting light source

Parallel (telecentric) lights
SDTCL-150-xW-y
Beam diameter 150mm



Mechanical parameters

Camera interface	C
Overall length of lens (mm)	342.4
Net weight (kg)	5.8

Field of View (mm x mm)

1" PYTHON 5000(12.43x9.83)	113.0x89.4
1" IMX255(14.19x7.51)	129.0x68.3
1" IMX183(13.13x8.76)	119.4x79.6