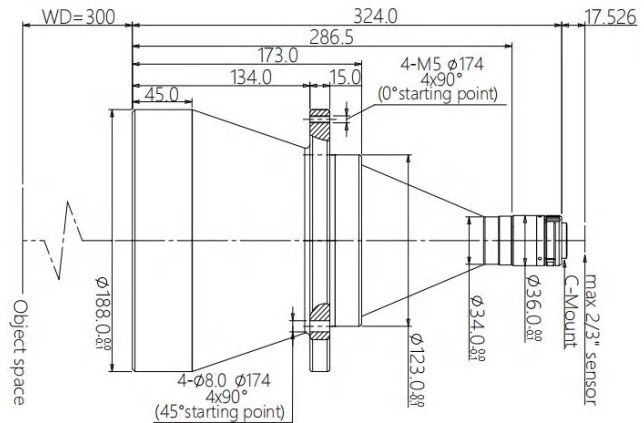


# Specifications

## CK-SDTCM230-150-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 ( $\Phi$ mm)	150
Magnification $\beta$ (x)	0.076
Working distance (mm)	300 $\pm$ 5
CCD size ( $\Phi$ mm)	11.4(2/3")
F/#	4.9
MTF30(lp/mm)	>185
Depth of field (mm)	$\pm$ 76.1@F11
Image distortion (% max)	<0.1
Telecentricity ( $^{\circ}$ max)	<0.1
Object distance I/O(mm)	642 $\pm$ 5

### Supporting light source

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



### Mechanical parameters

Camera interface	C
Overall length of lens (mm)	324.0
Net weight (kg)	5.7

### Field of View (mm x mm)

1/1.8" EV76C570 (7.2x5.4)	94.7x71.1
1/1.7" IMX226 (7.5x5.6)	98.7x73.7
2/3" IMX250/264 (8.45x7.1)	111.2x93.4