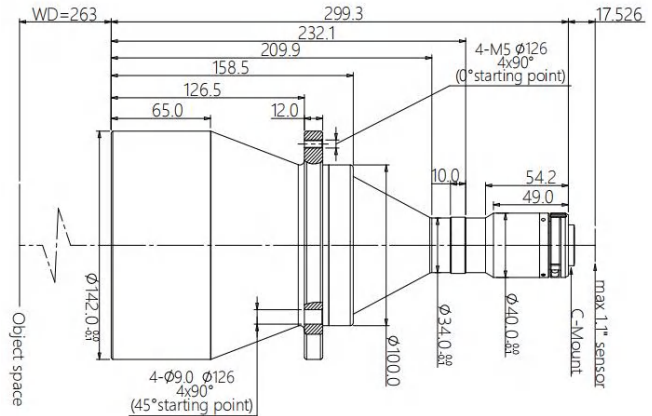


# Specifications

## CK-SDTCM111-110-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"
- Distortion, and large depth of field, meeting high-end system requirements

### Optical parameters

Field of View ( $\Phi$ mm)	110
Magnification $\beta(x)$	0.167
Working distance (mm)	263 $\pm$ 4
CCD size ( $\Phi$ mm)	18.4(1.1")
F/#	6.2
MTF30(lp/mm)	>150
Depth of field (mm)	$\pm$ 15.8@F11
Image distortion (% max)	<0.1
Telecentricity ( $^{\circ}$ max)	<0.1
Object distance I/O(mm)	580 $\pm$ 4

### Supporting light source

Parallel lights

SDTCL-110-xW-y

Beam diameter 110mm



### Mechanical parameters

Camera interface	C
Overall length of lens (mm)	299.3
Net weight (kg)	2.8

### Field of View (mm x mm)

1" IMX183 (13.13x8.76)	78.6x52.5
1.1" IMX253 (14.19x10.38)	85.0x62.2