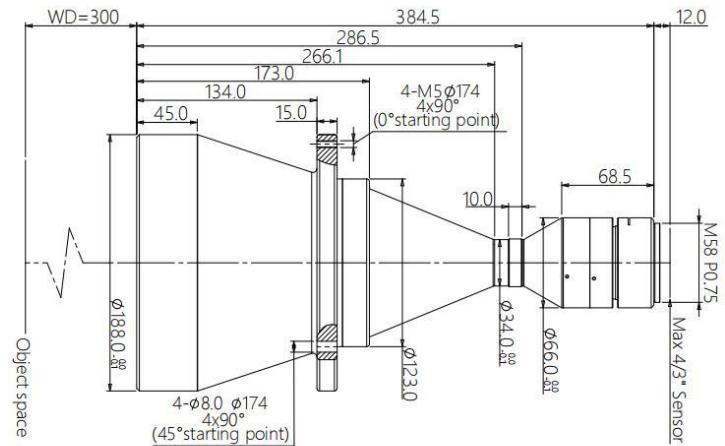


# Specifications

## CK-SDTCM430-150-M58-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 M/F interface industrial cameras from 4/3"~59mm
- A variety of combinations, and can achieve double rate, built-in coaxial light and other functions
- 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)	0.160
Working distance (mm)	300 $\pm$ 5
CCD size ( $\Phi$ mm)	24(4/3")
F/#	8.1
MTF30(lp/mm)	>115
Depth of field (mm)	$\pm$ 25.0@F16
Image distortion (% max)	<0.1
Telecentricity ( $^{\circ}$ max)	<0.1
Object distance I/O(mm)	697 $\pm$ 5

### Supporting light source

Parallel (telecentric) lights

SDTCL-150-xW-y

Beam diameter 150mm



### Mechanical parameters

Camera interface	M58
Overall length of lens (mm)	384.5
Net weight (kg)	6.2

### Field of View (mm x mm)

4/3" KEYENCE 21M (17.86x14.32)	111.6x89.5
4/3" PYTHON 12K (18.43x13.82)	115.2x86.4
4/3" CMV8000 (18.48x13.73)	115.5x85.8