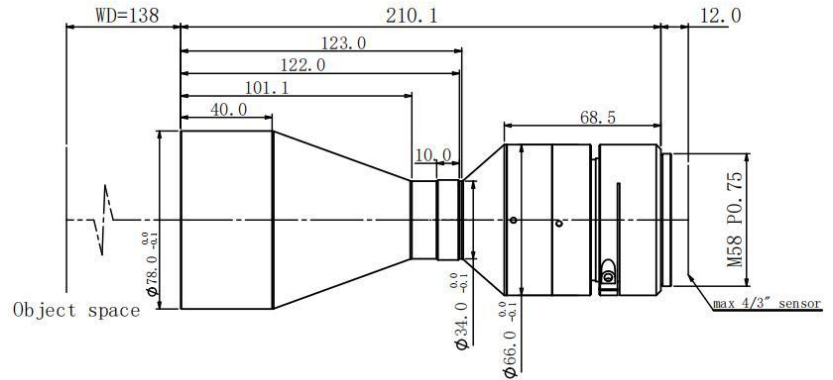


Specifications

CK-SDTCM430H-56-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 (Φ mm)	56
Magnification β (x)	0.421
Working distance (mm)	138 \pm 3
CCD size (Φ mm)	23.6(4/3")
F/#	7.9
MTF30(lp/mm)	>112
Depth of field (mm)	\pm 3.6@F16
Image distortion (% max)	<0.1
Telecentricity ($^{\circ}$ max)	<0.1
Object distance I/O(mm)	360 \pm 3

Supporting light source

Parallel (telecentric) lights
SDTCL-56-xW-y
Beam diameter 56mm



Mechanical parameters

Camera interface	M58
Overall length of lens (mm)	210.1
Net weight (kg)	1.2

Field of View (mm x mm)

4/3" KEYENCE 21M (17.86x14.32)	42.4x34.0
4/3" PYTHON 12K (18.43x13.82)	43.8x32.8
4/3" CMV8000 (18.48x13.73)	43.9x32.6