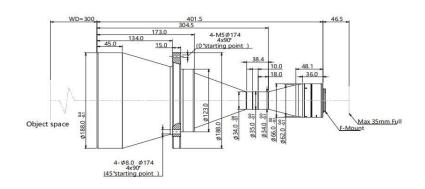


# **Specifications**

# CK-SDTCM35F-150-AL

# Large target dual telecentric lens





#### **Lens Features**

- SDTCMLarge target surface series is specially designed for large target surface, high pixel imaging system
- FOV from 26mm to 300mm, to meet the needs of different fields of view
- 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 ultra-large depth of field, meeting high-end system requirements

## **Optical parameters**

Field of View (Φ mm)	150
Magnification $\beta(x)$	0.293
Working distance (mm)	300±5
CCD size (Фmm)	44(35mm Full)
F/#	14.8
MTF30(lp/mm)	>60
Depth of field (mm)	±9.3@F20
Image distortion (% max)	<0.1
Telecentricity (° max)	<0.1
Object distance I/O(mm)	748±5

### **Supporting light source**

Parallel lighs
DTCL-150-xW-y
Beam diameter 150mm



## **Mechanical parameters**

Camera interface	F or Other
Total length of the lens (mm)	401.5
Net weight (kg)	6.1

### Field of View (mm x mm)

CMV50000 (36.43x27.62)	124.3x94.3
KAI29050/2 (36.17x24.11)	123.4x82.3
KAI43142 (36.18x24.12)	123.5x82.3