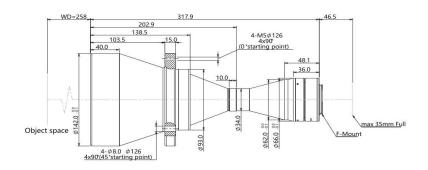


Specifications

CK-SDTCM35F-100-AL

Large target dual telecentric lens





Lens Features

- SDTCM Large 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 large depth of field, meeting high-end system requirements

Optical parameters

| Field of View (Φ mm) | 100 |
|--------------------------|---------------|
| Magnification $\beta(x)$ | 0.440 |
| Working distance (mm) | 258±4 |
| CCD size (Фmm) | 44(35mm Full) |
| F/# | 17.2 |
| MTF30(lp/mm) | >45 |
| Depth of field (mm) | ±4.1@F20 |
| Image distortion (% max) | <0.1 |
| Telecentricity (° max) | <0.1 |
| Object distance I/O(mm) | 622±4 |

Supporting light source

Parallel lights
SDTCL-100-xW-y
Beam diameter 100mm



Mechanical parameters

| Camera interface | F or Other |
|--------------------------|------------|
| Overall lens length (mm) | 317.9 |
| Net weight (kg) | 3.4 |

Field of View (mm x mm)

| CMV50000 (36.43x27.62) | 82.8x62.8 |
|--------------------------|-----------|
| KAI29050/2 (36.17x24.11) | 82.2x54.8 |
| KAI43142 (36.18x24.12) | 82.2x54.8 |