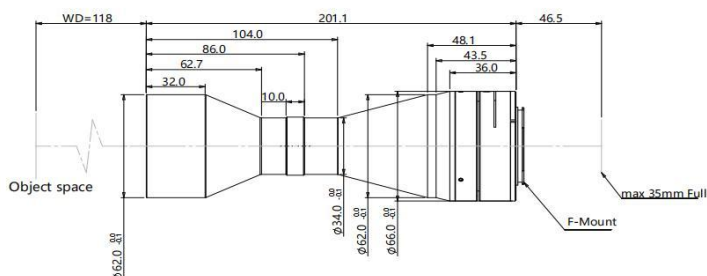


CK-SDTCM35F-42-AL

Specifications

Large target dual telecentric lens



SDTCM Features of Large Target Series Lenses

- 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, ultra-large depth of field, meet the needs of high-end systems requirements

Optical parameters

Field of View (Φ mm)	42
Magnification β(x)	1.048
Working distance (mm)	118±3
CCD size (Φmm)	44(35mm Full)
F/#	17.2
MTF30(lp/mm)	>45
Depth of field (mm)	±0.7@F20
Image distortion (% max)	<0.1
Telecentricity (° max)	<0.1
Object distance I/O(mm)	366±3

Supporting light source

SDTCL-42-xW-y
Parallel (telecentric) lights
Beam diameter 42mm



Mechanical parameters

Camera interface	F or Other
Total lens length (mm)	201.1
Net weight (kg)	0.8

Field of view (mm x mm)

CMV50000 (36.43x27.62)	34.8x26.4
KAI29050/2 (36.17x24.11)	34.5x23.0
KAI43142 (36.18x24.12)	34.5x23.0