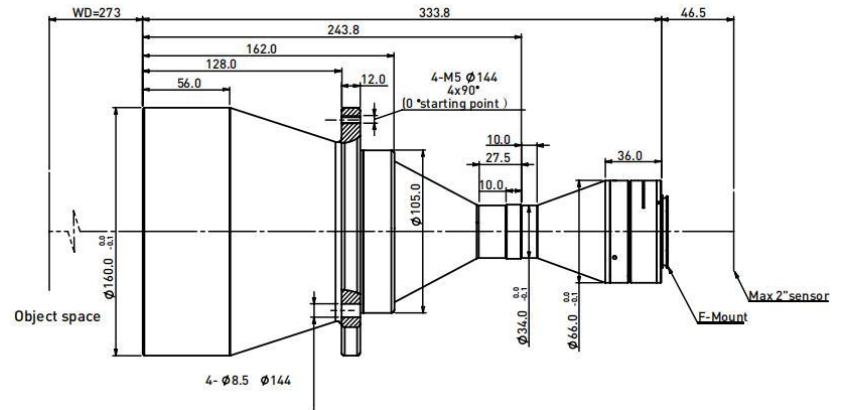


# Specifications

## CK-SDTCM210-120H-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)	120
Magnification $\beta$ (x)	0.275
Working distance (mm)	273 $\pm$ 5
CCD size ( $\Phi$ mm)	33(2")
F/#	7.8
MTF30(lp/mm)	>115
Depth of field (mm)	$\pm$ 8.5@F16
Image distortion (% max)	<0.1
Telecentricity ( $^{\circ}$ max)	<0.1
Object distance I/O(mm)	653 $\pm$ 5

### Supporting light source

SDTCL-120H-xW-y  
Parallel (telecentric) lights  
Beam diameter 120mm



### Mechanical parameters

Camera Interface	F
Length of lens (mm)	333.8
Net weight (kg)	4.8

### Field of View (mm x mm)

2" DALSA 12M (24.58x18.43)	89.4x67.0
2" PYTHON 25K (23.04x23.04)	83.8x83.8