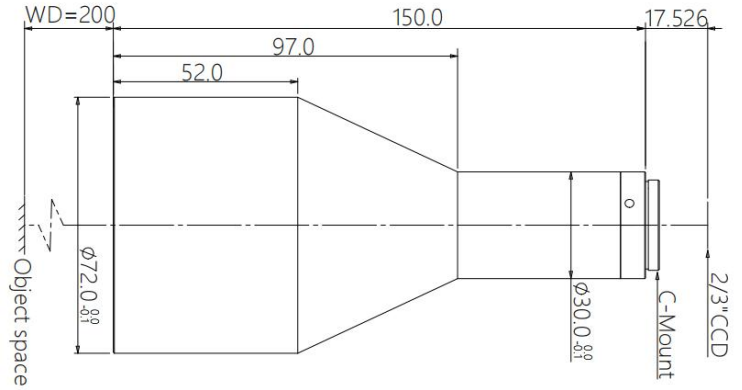


# 2K022-200-230

## Specification

## High-performance object-oriented telecentric lens



### 2K Series lens features

- Support high-resolution object-oriented telecentric lenses for 5M~20M pixel area scan cameras;
- A variety of low magnification designs to adapt to application scenarios with a larger field of view;
- High definition, low distortion, high telecentric, especially suitable for high-precision AOI and positioning applications;
- Long working distance specifications facilitate lighting and machine component layout;
- Built-in coaxial optical specifications are particularly suitable for wafers, glass devices, and display devices;
- Can be quickly customized to meet different camera specifications, as well as magnification, working distance, and depth of field requirements.

### Optical parameters

Magnification $\beta(x)$	0.22
Working distance (mm)	200 $\pm$ 3
CCD size ( $\Phi$ mm)	11(2/3")
F/#	10
MTF30 (lp/mm)	>80
Object Depth of Field DoF(mm)	$\pm$ 8.3@F10
Image distortion (% max)	<0.1
Telecentricity ( $^{\circ}$ max)	<0.1

### Mechanical parameters

Camera interface	C
Overall lens length (mm)	150.0
Whether the coaxial light	No
Net weight (kg)	0.436

### Viewable range (mm x mm)

1/1.8" EV76C570 (7.2x5.4)	32.7x24.5
1/1.7" IMX226 (7.5x5.6)	34.1x25.5
2/3" IMX250/264 (8.45x7.1)	38.4x32.3