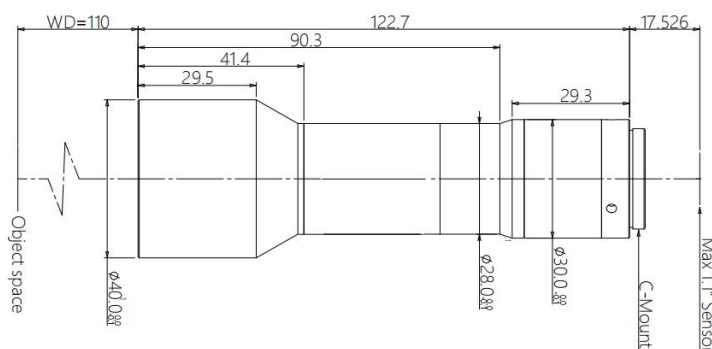


# CK-SWWK08-110-111

## Specification

High-performance object-oriented telecentric 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,

### Optical parameters

Magnification $\beta(x)$	0.8
Working distance (mm)	110 $\pm$ 2
CCD size ( $\Phi$ mm)	18.0(1.1")
F/#	7.9
MTF30 (lp/mm)	>85
Object Depth of Field DoF(mm)	$\pm 0.5@F7.9$
Image distortion (% max)	<0.1
Telecentricity ( $^{\circ}$ max)	<0.1

### Mechanical parameters

Camera interface	C
Overall lens length (mm)	122.7
Whether the coaxial light	No

### Viewable range (mm x mm)

1" IMX183 (13.13x8.76)	16.4x11.0
1.1" IMX253 (14.19x10.38)	17.7x13.0