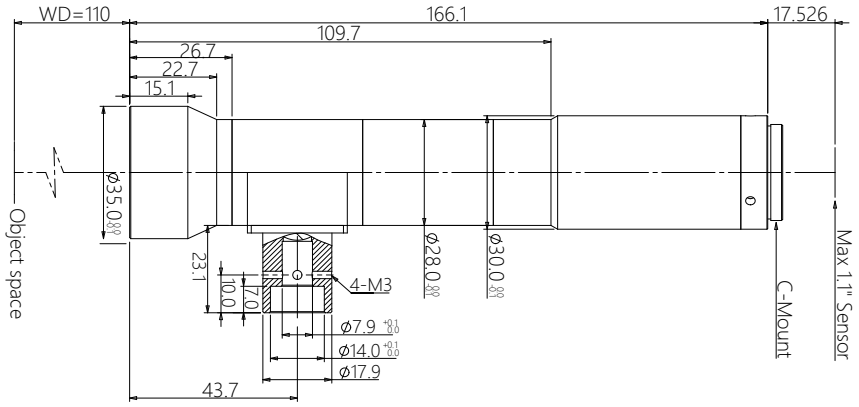
vision solution

Specification

SBS-YXDX110-3-I

Big Sensor Size Telecentric Lens



Features (SBS-YXDX series)

* Large FOV with low magnification.
* Big working distance easy for illuminations and object allocation design.
* High accuracy, low distortion, high telecentricity.
* support up to 1.1” 12M class high-speed camera.

Parameters

Mag.(x)	3.0
WD (mm)	110±2
Sensor size (Dia.mm)	18.0(1.1")
Image F#	20.1
Image MTF30(pl/mm)	>40
Object DOF (mm)	±0.09@F20.1
Object distortion (%)	<0.1
Object telecentric degree	<0.1

Mechanical

Mount	C
Total length (mm)	166.1
Coaxial structure	Y

Field of View (mm x mm)

1" IMX183 (13.13x8.76)	4.4x2.9
1.1" IMX253 (14.19x10.38)	4.7x3.5