

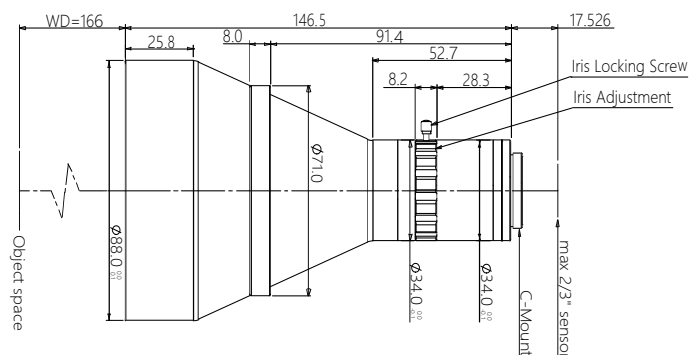


vision solution

Specification

SBS-SCP166-0.166

High Performance DoubleTelecentric Lens



Features (SBS-SCP series)

- *SCP series is designed for line scan with big sensor size and high accuracy.
- *Support 35mm full frame area scan camera.
- *Extreme imaging aperture, extraordinary diffraction limited imaging resolution, match high resolution camera.
- *Adjustable iris ring can be chosen.

Parameters

FOV (Dia.mm)	66
Mag.(x)	0.166
WD (mm)	166±3
Sensor size (Dia.mm)	11.0(2/3")
Image F#	3.3
Image MTF30(pl/mm)	>260
Object DOF (mm)	±4.8@F3.3
Object distortion (%)	<0.1
Object telecentric degree	<0.1
Object I/O(mm)	329±3

Mechanical

Mount	C	Field of View (mm x mm)	
Total length (mm)	146.5		
N.W(KG)	0.6	1/1.8" EV76C570 (7.2x5.4)	43.4x32.5
Iris adjust	Y	1/1.7" IMX226 (7.5x5.6)	45.2x33.7
Coaxial structure	N	2/3" IMX250/264 (8.45x7.1)	50.9x42.8