

1.0X BI-TELECENTRIC LENS

PMS-10110CVP111T

1.1" sensor support | WD 110 mm | C-mount | Non-coaxial

1.0X

Magnification

110 mm

Working Distance

1.1"

Max Sensor

C-Mount

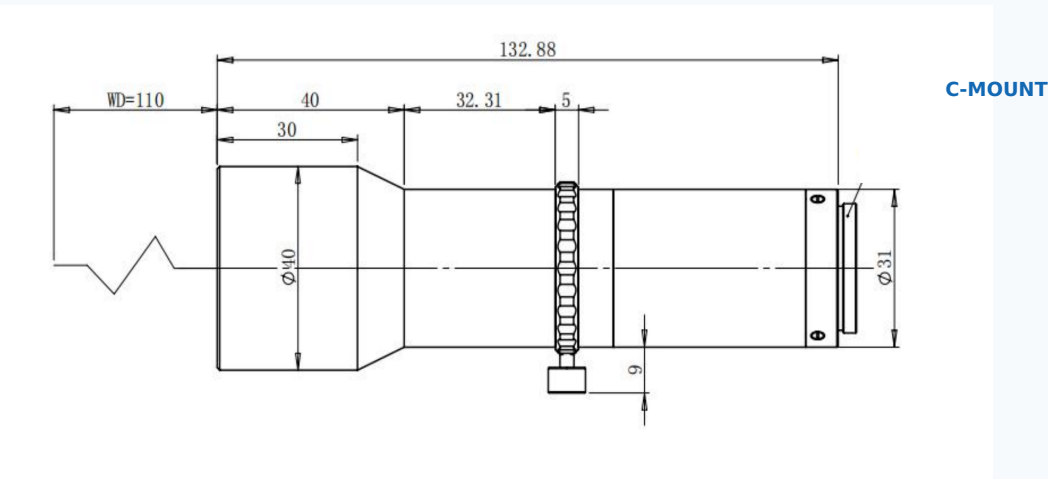
Interface

KEY SPECIFICATIONS

Optical Structure	Bi-Telecentric Lens
Max. Sensor Size	1.1" / Ø18.4 mm
Object FOV	Ø18.40 mm
Magnification	1.00X
Working Distance (WD)	110.00 mm
Depth of Field (DoF)	0.66-1.60 mm
Image-side Best F/#	8.00-20.00
Image-side MTF30	120-50 lp/mm
Object Resolution	5.37-13.42 µm
Object-side Telecentricity	<0.05-0.1°
Image-side Distortion	<0.05-0.1 %
Total Lens Length	132.88 mm
Object-to-Image Distance	260.41 +/- 2 mm
Object-side NA	0.0625-0.0250
Mount	C-mount
Coaxial Illumination	No
Operating Temperature	0-60°C

MECHANICAL DRAWING

Unit: mm



SENSOR COMPATIBILITY & FOV

Sensor	Sensor Size (V x H)	FOV
2/3" CCD	8.4 x 7.1 mm	8.4 x 7.1 mm
1" CCD	13.13 x 8.76 mm	13.13 x 8.76 mm
1.1" CCD	14.19 x 10.3 mm	14.19 x 10.3 mm