

1.0X TELECENTRIC LENS

PMS-10VP110C111T

1.1" sensor support | WD 110 mm | F7.0 | C-mount | Coaxial illumination

1.0X

Magnification

110 mm

Working Distance

1.1"

Max Sensor

F7.0

Best F/#

KEY SPECIFICATIONS

Optical Structure **Object-side Telecentric Lens**

Magnification **1.00X**

Working Distance (WD) **110 mm +/- 3%**

Max. Sensor Size **1.1"**

Image-side Best F/# **F7.0**

Object-side Telecentricity **<0.1 deg**

Image-side Distortion **<0.1%**

Numerical Aperture (NA) **0.031**

Object Resolution **4.44 μ m**

Depth of Field (DoF) **0.58 mm**

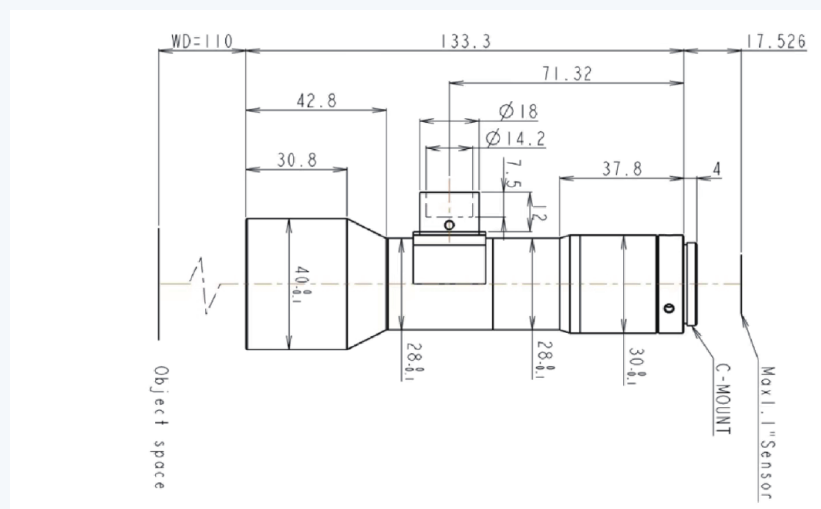
Total Lens Length **133.3 mm**

Mount **C-mount**

Coaxial Illumination **Yes**

MECHANICAL DRAWING

Unit: mm



C-MOUNT

SENSOR COMPATIBILITY & FOV

Sensor	Sensor Size (V x H)	FOV
2/3" CCD	8.8 x 6.6 mm	8.8 x 6.6 mm
1" CCD	12.8 x 9.6 mm	12.8 x 9.6 mm
1.1" CCD	14.1 x 10.3 mm	14.1 x 10.3 mm