

1.0X, High Resolution Inline Telecentric Lens



Stock **#65-027** [CONTACT US](#)

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+

S\$4,637⁰⁰

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General	
Product Family: High Res In-Line Illumination C-Mnt Telecentric Lenses	
Magnification Tolerance %: ±3	Note:
Telecentric Lens	Type:
1/4" (0.312")	Compatible Light Guide/Source:
In-Line Illumination	Type of Illumination:

Physical & Mechanical Properties	
200.00	Length (mm):
45	Maximum Diameter (mm):
Optical Properties	
8.8mm	Horizontal Field of View, 2/3" Sensor:
11.00	Maximum Image Circle (mm):
0.072	Numerical Aperture NA, Object Side:
5.20	Resolving Power, Image Space (μm):
±1.00	Working Distance Tolerance (mm):
1X	Primary Magnification PMAG:
1.00	Telecentric Lens Magnification:
120.00	Working Distance (mm):
f/7 - Closed	Aperture (f/#):
≤0.05	Distortion (%):
1X	Magnification:
VIS	Lens Wavelength Range:
Sensor	
2/3"	Maximum Sensor Format:
2.60	Pixel Size (μm):
Threading & Mounting	
N/A	Filter Thread:
C-Mount	Mount:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Designed for High Resolution Imaging
- In-line Illumination Port (0.312" Ferrule)
- 2/3" Max. Sensor Format

This line of high resolution telecentrics was designed to allow of in-line illumination. This make them ideal for applications that need intense and direct illumination. The coaxial port accepts ¼" fiber bundles with a 0.312" ferrule diameter, which readily connects to our wide selection of light guides and illuminators.

The lenses feature a standard C-Mount threading to connect to the most common 2/3" and smaller machine vision cameras. Designed to have =0.05% distortion, these lenses are perfect for challenging measurement applications.