

3.45X 65mm WD, In-Line Illumination 1.2" Telecentric Lens



1.2" Sensor In-Line Illumination Telecentric Lenses

Stock #72-175

NEW

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€4.050⁰⁰

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€4.050,00

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SPECIFICATIONS

General

Telecentric Lens	Type:
In-Line Illumination	Style:

1/4" (0.312")	Compatible Light Guide/Source:
Physical & Mechanical Properties	
160.00	Length (mm):
0.312	Ferrule Diameter (inches):
19.3	Maximum Diameter (mm):
Optical Properties	
3.4mm	Horizontal Field of View, 1/2" Sensor:
2.3mm	Horizontal Field of View, 2/3" Sensor:
4.20mm	Horizontal Field of View @ Max Sensor Format:
3.45X	Primary Magnification PMAG:
65.00	Working Distance (mm):
f/10.1	Aperture (f/#):
<0.01%	Distortion (%):
VS	Lens Wavelength Range:
Sensor	
1.2"	Maximum Sensor Format:
Threading & Mounting	
C-Mbunt	Mount:
Regulatory Compliance	
Compliant	RoHS:
View	Certificate of Conformance:

PRODUCT DETAILS

- 1.2" Max Sensor Format
- Fiber Optic Input for In-line Illumination
- Long Working Distance

1.2" Sensor In-Line Illumination Telecentric Lenses are designed for cameras with SONY IMX367, 530, and 540 or equivalents allowing for large fields of view. Theses lenses are designed with an in-line illumination port that accepts a 1/4" fiber optic light guide with incorporated M3 set screws in the in-line illumination port to light guide and include a lockable ring to rotate the lens and ensure alignment with the camera sensor. These telecentric lenses are designed to achieve high coaxial uniformity on 3µm, 24.5MP sensors and reduce parallax errors yielding maximum image quality with an excellent degree of measurement accuracy. 1.2" Sensor In-Line Illumination Telecentric Lenses are available in magnifications ranging from 0.5X–3.45X and offer low f/#s and a low distortion of <0.01%. These lenses are ideal for applications including machine vision, metrology, automotive and electronic inspection, measurement, and gauging.

Note: 1/4" [Fiber optic light guides](#) are sold separately.