

**TECHSPEC® 0.06X GoldTL™ Telecentric Lens (Mount Included)**



0.06X GoldTL™ Telecentric Lens (Mount Included)

Stock **#17-205** **2 In Stock**

- 1 + ₹4,31,891

Price inclusive of all taxes

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Volume Pricing

Qty 1+	₹4,31,891 each
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**General**

GoldTL™ Series **Product Family:**

#56-873, Included **Stock No. of Mounting Clamp:**

Telecentric Lens **Type:**

Focusable Telecentric **Special Type of Lens:**

**Physical & Mechanical Properties**

Variable	<b>Iris Option:</b>
288.42	<b>Length (mm):</b>
288.42	<b>Length excluding Threads (mm):</b>
160.00	<b>Maximum Diameter (mm):</b>
5.54	<b>Weight (kg):</b>

## Optical Properties

122.14mm	<b>Horizontal Field of View, 1/1.8" Sensor:</b>
109.8mm	<b>Horizontal Field of View, 1/2" Sensor:</b>
9.00	<b>Maximum Image Circle (mm):</b>
0.005	<b>Numerical Aperture NA, Object Side:</b>
>65% @40 lp/mm	<b>Resolution, Image Space MTF @ f/10:</b>
12 (7)	<b>Number of Elements (Groups):</b>
0.0388	<b>Typical Telecentricity @ 588nm (°):</b>
0.614	<b>Typical Distortion @ 588nm (%):</b>
0.06X	<b>Primary Magnification PMAG:</b>
0.06	<b>Telecentric Lens Magnification:</b>
170 - 220	<b>Working Distance (mm):</b>
109.8 x 82.21	<b>FOV @ Max Sensor Format, H x V (mm):</b>
f/6 - f/25	<b>Aperture (f#):</b>
M4 MgF <sub>2</sub>	<b>Coating:</b>
±129 at f/10 (20% @20 lp/mm)	<b>Depth of Field (mm):</b>
0.06X	<b>Magnification:</b>
VIS	<b>Lens Wavelength Range:</b>

## Sensor

1/1.8"	<b>Maximum Sensor Format:</b>
2.74	<b>Pixel Size (µm):</b>

## Threading & Mounting

M154 x 1.50 (Female)	<b>Filter Thread:</b>
C-Mount	<b>Mount:</b>

## Regulatory Compliance

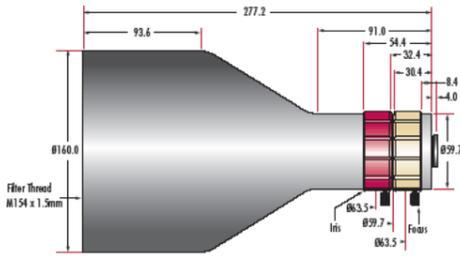
<a href="#">View</a>	<b>Certificate of Conformance:</b>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited	<b>Imported By:</b>

## Product Details

- High Resolution Telecentric Lens for Measurement and Gauging
- Up to 5 MegaPixels, 3.45µm Pixel Size Sensors
- Up to 2/3", C-Mount Telecentric Lens
- Magnification from 0.06X to 1X

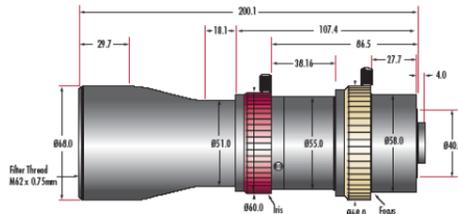
TECHSPEC® GoldTL™ Telecentric Lenses were designed specifically for machine vision and metrology applications. The unique focusable design allows for working distance adjustment, while still providing <math><0.2^\circ</math> telecentricity. These lenses also feature high resolutions, low distortions, and are available for 1/2" or 2/3" sensors. TECHSPEC® GoldTL™ Telecentric Lenses have a front filter thread for easy integration of color filters, polarizers or other mounted components. Both the iris and focusing adjustment positions can be fixed by set screws to remain secure in high vibration environments.

## Technical Information



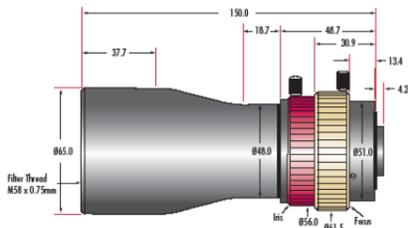
**0.08X & 0.06X Telecentric Lens**

Units: mm

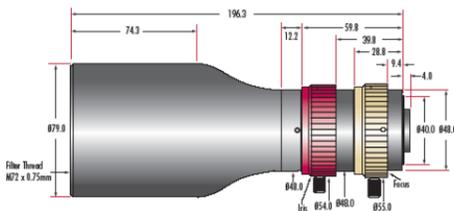


**1X & 0.73X Telecentric Lenses**

Units: mm



**0.5X & 0.36X Telecentric Lenses**

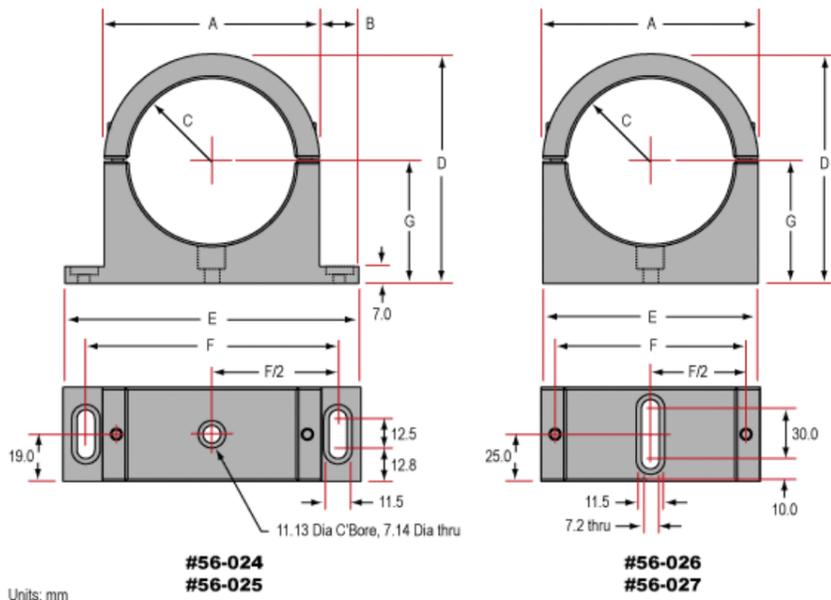


**0.25X & 0.18X Telecentric Lenses**

Units: mm

Stock No.	A	B	C	D	E	F	G
#56-024	88mm	16mm	34mm	94mm	120mm	101.6mm	50mm
#56-025	85mm	17.5mm	32.5mm	91mm	120mm	101.6mm	48.5mm
#56-026	103mm	—	39.5mm	107mm	103mm	90mm	55.5mm
#56-027	134mm	—	55mm	148mm	134mm	122mm	81mm

**Telecentric Lens Mounts**



**Telecentric Lens Mount for #56-948**

