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50mm Focal Length Lens, 1" Sensor Format



1" Format Fixed Focal Length Lenses



Stock #63-248 **5 In Stock**

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⊖ 1 ⊕ £609⁰⁰

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Volume Pricing

| | |
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| Qty 1+ | £609.00 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Product Family:
1" Format Fixed Focal Length Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

| | |
|----------|-------------------------------|
| Variable | Iris Option: |
| 49.00 | Length (mm): |
| 47.5 | Maximum Diameter (mm): |
| 47.5 | Outer Diameter (mm): |
| 200 | Weight (g): |

Optical Properties

| | |
|--------------|---|
| 14.5° | Horizontal Field of View, 1" Sensor: |
| 16.00 | Maximum Image Circle (mm): |
| <0.05 | TV Distortion (%): |
| 50.00 | Focal Length FL (mm): |
| 500 - ∞ | Working Distance (mm): |
| f/1.4 - f/16 | Aperture (f#): |
| <0.05% | Maximum Distortion (%): |
| VS | Lens Wavelength Range: |

Sensor

| | |
|------|-------------------------------|
| 1" | Maximum Sensor Format: |
| 5.00 | Pixel Size (µm): |

Threading & Mounting

| | |
|--------------|-----------------------|
| M40.5 x 0.50 | Filter Thread: |
| C-Mount | Mount: |

Regulatory Compliance

| | |
|----------------------------------|------------------------------------|
| Exempt | RoHS 2015: |
| View | Certificate of Conformance: |
| Contains SVHC(s) | REACH 241: |

Product Details

- Up to 1", C-Mount Lens
- "Fast" Lenses for Increased Throughput
- 4.7mm to 75mm Focal Length

1" Format Fixed Focal Length Lenses provide high throughput and high resolution across the entire camera sensor, allowing for excellent imaging even in less-than-ideal lighting conditions. Offered in 9 focal lengths from 4.7mm to 75mm, this complete family covers many of the applications in the market today. Engineered to minimize distortion, these lenses provide a perfect image for a human operator or an automated system. 1" Format Fixed Focal Length Lenses also feature a standard C-Mount lens mount for easy integration with the most common machine vision [cameras](#) we offer. All lenses feature front filter threading to attach to your choice of [optical filter](#).