

## 50mm Focal Length Lens, 1" Sensor Format



1" Format Fixed Focal Length Lenses



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1

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£609<sup>00</sup>

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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

1" Format Fixed Focal Length Lenses

Series:

Fixed Focal Length Lens

Type:

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 (%):              |
|                    |                                      |
| VIS                | Lens Wavelength Range:               |
|                    |                                      |

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

| Threading & Mounting |                |
|----------------------|----------------|
| M40.5 x0.50          | Filter Thread: |
|                      |                |
| C-Mount              | Mount:         |
|                      |                |

| Regulatory Compliance            |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           | RoHS 2015:                  |
|                                  |                             |
| <a href="#">View</a>             | Certificate of Conformance: |
|                                  |                             |
| <a href="#">Contains SVHC(s)</a> | 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](#).