

50mm 2 MegaPixel Fixed Focal Length Lens



50mm Fixed Focal Length, #14-401

Stock **#14-401** **2 In Stock**

⊖ 1 ⊕ **\$770⁰⁰**

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General

Fixed Focal Length Lens **Type:**

Physical & Mechanical Properties

Variable **Iris Option:**

33.65 **Length (mm):**

32.5 **Maximum Diameter (mm):**

Weight (g):

80

Optical Properties

Horizontal Field of View @ Max Sensor Format:
10.2°

Horizontal Field of View, 2/3" Sensor:
10.2°

Horizontal Field of View, 1/2" Sensor:
7.46°

Horizontal Field of View, 1/3" Sensor:
5.6°

Horizontal Field of View, 1/4" Sensor:
3.67°

Maximum Image Circle (mm):
11.00

Focal Length FL (mm):
50.00

Working Distance (mm):
1000 - ∞

Aperture (f/#):
f/2 - f/16

Distortion (%):
<0.4

Lens Wavelength Range:
VIS

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

Filter Thread:
M30.5 x 0.50 (Female)

Mount:
C-Mount

Regulatory Compliance

Certificate of Conformance:
[View](#)

Product Details

- 2 MegaPixel Resolution Design
- Lockable, Manual Focus and Iris
- Fixed Focal Lengths from 4 to 50mm
- C-Mount Lens Mount

2 MegaPixel Fixed Focal Length Lenses are designed for machine vision applications that require higher resolution than the [MegaPixel Fixed Focal Length Lenses](#). These C-Mount lenses feature built-in locking mechanisms for the manual focus and iris, preventing unwanted adjustments. Lenses with a fixed focal length from 4 to 50mm are available with the 6 to 50mm lenses featuring M30.5 x 0.5 filter thread, allowing the use of [machine vision filters](#). 2 MegaPixel Fixed Focal Length Lenses cover 1/2" and 2/3" sensor sizes, making them compatible with all of our [2MP machine vision cameras](#). These lenses are used in industrial machine vision, [factory automation](#), and factory inspection applications.