

## 8mm 2 MegaPixel Fixed Focal Length Lens



8mm Fixed Focal Length, #14-396

Stock **#14-396** **1 In Stock**

⊖ 1 ⊕ **\$\$568<sup>00</sup>**

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#### General

Fixed Focal Length Lens **Type:**

#### Physical & Mechanical Properties

Variable **Iris Option:**

38.50 **Length (mm):**

32.5 **Maximum Diameter (mm):**

## Optical Properties

Horizontal Field of View @ Max Sensor Format:  
43.8°

Horizontal Field of View, 1/2" Sensor:  
43.8°

Horizontal Field of View, 1/3" Sensor:  
33.4°

Horizontal Field of View, 1/4" Sensor:  
25.36°

Maximum Image Circle (mm):  
8.00

Focal Length FL (mm):  
8.00

Working Distance (mm):  
100 - ∞

Aperture (f/#):  
f/1.4 - f/16

Distortion (%):  
<-0.7

Lens Wavelength Range:  
VIS

## Sensor

Maximum Sensor Format:  
1/2"

## 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.