

## 12mm 2 MegaPixel Fixed Focal Length Lens



12mm Fixed Focal Length, #14-397

Stock **#14-397** **1 In Stock**

⊖ 1 ⊕ €406<sup>00</sup>

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### Product Downloads

#### General

Fixed Focal Length Lens **Type:**

#### Physical & Mechanical Properties

Variable **Iris Option:**

41.62 **Length (mm):**

**Maximum Diameter (mm):**

32.5

Weight (g):

85

## Optical Properties

Horizontal Field of View @ Max Sensor Format:  
39.94°

Horizontal Field of View, 2/3" Sensor:  
39.94°

Horizontal Field of View, 1/2" Sensor:  
29.86°

Horizontal Field of View, 1/3" Sensor:  
22.62°

Horizontal Field of View, 1/4" Sensor:  
15.19°

Maximum Image Circle (mm):  
11.00

Focal Length FL (mm):  
12.00

Working Distance (mm):  
100 - ∞

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

Distortion (%):  
<-1

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.